

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-E12

<400> 6118

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cgatgaggct atgagttttg ctgagatggt gaagttgggtg caaacaatgg attatgctac  180
tattgtgttt gacactgctc ctactggaca tactctccgc ctgttacagt ttccggccac  240
actagaaaag ggactttcga agttgatgtc attgaagagt agatttggtg gcttgatgac  300
tcagatgagc cgtatgtttg gcatgganga tgagttcgga gaagatgctt tgctgggaag  360
acttganggc ttgaaaagat gtgattgaac aagttaatcc gcaattcaaa gaccggatat  420
gactacgttc gtttgtgtcc ncaccccc                                     448
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<210> 6119
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-E4

<400> 6119

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gtcaagagag agagatagtt ctgacttctg acagagactc atggcggaag cttgcggagt  180
gagaaggatt aagctaggaa gccaaaggct tgaggtatcg gcgcaaggtc ttggttgcac  240
gggtctctct gctttctacg gtactcccaa gccggaaacc gaagctatcg ctctcatcca  300
ccacgccatt cactccggcg tcaatttctt tgacacctcc gatatctacg gtcctgagac  360
caacgagctt ctcttcagca aggtctctca ggatgggggtg agagaaaaag tggaacttgc  420
gaccaaatat ggaatcaggt atgcagaagg ggaaagt                                     457
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<210> 6120
 <211> 472

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<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB23-016-Q1-E1-E6

<400>      6120

cgtacaagtc tnaaattccc gggccgaccc acgcgtccan ccacgcgtcc ggcttttagt   60
atTTTTTTTca acaatcgctt ttttttttct cgatctccgt gaagctctcg aatctctggt  120
tttgagtttt ggagaatggt gttttttccgc agcgtatcgg cctttactag gctgaggtct  180
cgcgtcggcc aacaatcttc actcagcaat tctgtcagat ggattcagat gcagagctct  240
accgacctgg acctgaagtc gcagctgcaa gagttaattc cggaacagca ggaccgtctg  300
aagaaaactga agtcagaaca tgggaaggtc caactgggaa acatcactgt tgatatgggt  360
attggtggaa tgagagggat gactggattg ctttgggaaa cctcattgct tgacccggaa  420
gaggggtantc gctttanggg attgtcgaat cctgagtgca gaaaagtata cc          472

<210>      6121
<211>      481
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB23-016-Q1-E1-F10

<400>      6121

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aagagcaggt tgatcagaaa acacaaaatc gggatgctct tagagcggat atccagaaga  120
tacgcgcaat atgtaaggac tatgatatca gttacaaggc ggtcatggca gaagagagat  180
ctgcaagaaa agcaatgcat tcaaaacggc aggaaattga ggcccttcag tctatgatta  240
gccgggttaa aagtgctgcg tctgttgatg atattgattc aagggtgctg aatatggaac  300
atacgatgca gcacacaact ttatctctga atgaagaaaa agtttcatgc gtgaaataaa  360
gcagttgaag caacttcgcg agcagatatc ttcgagtatg ggtaccaaag gatgaantta  420
agcaagcatt ggattgagaa agagnaaaca gaanaacggt tgaagggtgtt gaggaangga  480
a                                                                481

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<210> 6122
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-F11

 <400> 6122

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 agcaaccaat ttcgcgagat ggagatcaac ttatcggttac tccgtagga gccggaagtg 120
 aagtgggtcg ttctgtgtt tacatgtcct tccgaggcaa aaatattctg tttgattgtg 180
 ggattcatcc tgcgtactcg ggcattggctg cgttgctta cttcgatgag attgatcctt 240
 cttccattga tgtcctcttg attactcact ttcatataga tcatgcanca tctctacctt 300
 aatttctgga gaagacgaca ttcaatgggc gggttttcaa tgacacatgc aacaanaggc 360
 catctacaaa ntgttgctta cagattaagt gannngntga gcanagtgtc tgttggaag 420
 atatgttggt cnaatgaaca ngacatcaac aagtctatgg gacna 465

<210> 6123
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-F6

 <400> 6123

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 gtgttaatna taacnggaag cancgaaggc aatcaangcg catcgggtta ccatgcanaa 180
 ctacctctag aaccgctgat gaatgttcag acaaaagcag caatggagac atcaactagt 240
 tcagggttag ctccanttca gctagaagca ngaagcgcgt ttcagacaag ccgggcaatg 300
 tcagggtctg gtaatgttat ggngacatct tcaccanaga gcancttana ctgcgatgac 360
 attcaccctt ttaaagtttc gtctgaagca gaggatgcan cgcantttta atgggttctc 420
 ttctgctgtt gggcctgatg ggtcaacanc gaggacaaca 460

<210> 6124
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-D1

<400> 6124

ntttacgtgc caggccgggc aaaataccgg gtcgaccac gcgtccgcc acgcgtccgc 60
 cgaaagtctt catggcgctg aagcaaaaat tctgactcgt tgatccataa agcgaactct 120
 ttctcgctct tagtttctgc atttcgtcta tcaaaagtag gattatacac tttttgtttt 180
 tgtttttgtg aaaccctata cagttcgatc taaaacccta aaaagatggg gaaaccttcc 240
 gatttcaaag cagttcacia acttattcaa ttgcattaca gtcgagtcaa cctgttcaca 300
 acgacgggat ggtcaaaact ctacgctttg tcttctccgg ctcttccttc aaatgggggt 360
 tctcagcttc agcctaagtc tggtttccac accttctcgt cgagaccac ttcgaaaaac 420
 tttggcttat ccagattct tcttctaag gggtttctca gcttcaacct aagacaattt 480
 c 481

<210> 6125
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-H1

<400> 6125

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 tggacttgct ggtgcgcaac aagatttgag aagttttagc cttgtatttg agtacataaa 180
 agctttgcct gcgggtcaag aaacagactt tattctggta tegtgtactg gttcgggagt 240
 agaagccaac agaagggagc aagtgttgaa agctaanagg gctggtgaag attctttaag 300
 gagatcaggc cttggataca caatcattcc gtctgggtc cttgaanga ggaaccangg 360
 cgggcaacga gctctgatat ttgatcaang aaacaagaat ttctcagggc attantttgc 420
 g 421

<210> 6126
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations.
 <223> Clone ID: LIB23-014-Q1-E1-H11

 <400> 6126

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 attccttata aagcctcggt tctcgctggt gcgacgacgg aaaatggcga acgagaatgt 180
 ttccggcgag aaacagagac ttgcgtccat cgccgacgag aagatccttt ttgtcgggtga 240
 aatctatctc tagcgaaccg aaagccaaag taaccgacgc agttctcgat tccgaacaag 300
 aagtgtttat tagctcgatg aatccgtttg cgccagatgc tgcttcggta gcttcgagta 360
 tcaagtacca cgcgagagttt acgccattgt ttccaccgga gaagtttgag ttgcaaaggn 420
 gttcctttgc gactgcgcaa agtggttagag atgcttggtc atgnaattgg 470

<210> 6127
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-H2

 <400> 6127

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 angtctagct tgaagccttt agccatggcc gattcttctt cttctaccat tttctcccat 120
 ccttccatct cctctaccat ctcttctctc agaattcgca gctccagtgt ttcctcctt 180
 accggacgca ttaacctgcc cctctctttc tctcgctgtc ctctatctct taaaacccaaa 240
 acccacctta aaaaatcccc ctttgtctcc ttcggttgccc agacttcgga ttgggctgaa 300
 gaagggtggag aaggaagcgt cgctgttgag gagaccgaga acagttttaga gtcacaagat 360
 gtgagcgaag gagatgagaa gcgaangana tgcgagcgaa atgagatgtg agcgaangga 420
 gattgagann cgannagat gtgagcgaag ggagctgtga gcgaaagaag ctgaattcnc 480

gggagcaacc gggaagaan

499

<210> 6128
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-H3

<400> 6128

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tgagttaagc agaagtattc tggtagaggt tctactggga gaggggatta tcttggtagt 120
tctgacgaca aggttagtga tagtatgtgg acttcagcta gagaaagaga agtgcaacca 180
tctttaggct ctgagaagcc aagatctgtt tcaattcctg aaactcctgc cagaagttct 240
cgtgctattg caccaccagn nttatctcct aggattgcct ctgaaatttc aatggcacct 300
cctgctgttg tttcgcagcc tgttcccaag tcaaatgatt cagagaaaat atggcattac 360
aacgacccat ctggttaaagt tcaangacct ttttcgatgg cgcanctccn taaatgggaa 420
caacactggg tacttcnctg ctaagttggn aancnnggga aagcaatgac ccaccgttg 479

<210> 6129
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-H5

<400> 6129

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ctacaatgcg ctcttgtcg gagatgctac tctcaatccg acccgatatt cgacccgaga 120
aaatccaaga cctatgccac aatcccctgt tcttcacctc actgccgccg attagactcc 180
gccggatgca acaccgtcg taagacttgt ctctaccaag tctcttacgg agatggttct 240
ttcaccgtcg gcgatttctc caccgaaacg ctaactttcc ggcgaaatcg cgttaaaggc 300
gttgctctcg gatgtggcca cgacaacgaa ggtctcttcg tcggagccgc cggtttatta 360
ngactcggtg aaggtaaatt atcgttcncc ggtcaaaanc ggtcaacggn ttaatcagaa 420

439

tctcttcttc	tacctctntc	tcttccggtt	ccactccgat	ctcttactag	taccactcga	60
tctctaccat	ttcaatgttc	tectctcttt	ttctctattc	cttcttcaat	cgtttgnntc	120
tccactcaaa	ntcccgaccg	cgaagaggtc	cggtggctcc	gggaagagca	gagatggatt	180
cgcgaggagc	aacgatggat	togtgaagaa	cagagatgga	tacgcgaacg	tgaatcgctt	240
ctacaagaga	tttcggatct	acagctcaga	attcaatccc	tagagtcacg	aaattcgcaa	300
ttgggggaatt	ctattcccg	tacgatttcg	aatatcgctg	ctttgcttca	ngttttgnag	360
ggagaagaat	cggntttctg	ganagtggat	ttgaacgcaa	cggcgaatggt	anttggnqaa	420

gtncgagagg aacaanttgt tgacggangt ggggaggaag aggaagaagg cngagtggat 480
tattgctg 488

<210> 6132
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-A1

<400> 6132

cgggcnttaa ttgcatctac gacagtcgta ccttttgcta gggtatcgtc gtcgatgatgc 60
agcagccacc tccagcttcc aacgggtgctg caacagggcc agggcagatt ccttccgacc 120
aacaagctta cctcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnngt ctgcaccgtc ttctgggtcaa ccacagcagc 240
agcagtatgg tgggtggtgga tctcagaatc caggatcagc tggtgagatc cggtcctgt 300
ggatcggatga cttgcagcca tggatggatg agaactatct catgaacgtc tttggtctta 360
ctggcgaggc tacagcagct aaagttattc gcaataaaca gaacggatat tcagaangtt 420
atgggcttta ttgangtttg tgaaccaatg ctaca 455

<210> 6133
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-A10

<400> 6133

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atgttaatgc acacattggg cttgctaagc taaggaagga gtggattgat cgtcgggaga 180
agctaggaac accaagatac actcaaagt actacgctaa gcaagggatc ataactgagg 240
aaatgctcta ctgtgctact agggagaagc tagaccctga gtttgtaaga tcagaagttg 300
cacgaaggac gggcgattat cccttccaac aaagaagcat ttggagctgg aaaccgatga 360

agtaagcgcc tacgaactgg tggtgactgc acacactctg tgtatagtcc atctcctttc 360
catcctccac ctctctctgt gtggggacct cctcatggat atatggcacc tgcanctcca 420
ccatatgatc 430

<210> 6136
<211> 472
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-A9
<400> 6136

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accaactagg gtttggcaac caggtgttga tacccttgaa gatggagaag aacttcagtg 180
tgacccttct gcttataatt ctctccatgg ctccatggtt ggttggccct gtctgagctt 240
tgacatttta ggtgataagt tgggtttgaa ccgaactgag tttcctcaca cactttatat 300
ggtggctggg actcaagctg agaaagcagc tcataactcc atagggttat ttaaaatcac 360
caacgttatc tggtaaagan acttnatggt tgtgcctaaa gacanttggc aatgggtgan 420
gatgaaggat gaaggatgac gaaagatgac ngttgacagc gaatgatnaa tg 472

<210> 6137
<211> 462
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-B11
<400> 6137

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cgaaacagcc ttggcttaac ctttacaatt actaccac aaatacgc aactccaagc 120
tcaaatacac agaccaattc agatttcttg ataaagccgc tatcttgact cctgaagaca 180
agttgcagcc agatggtaag cctgctgatc cttggaagct ctgtacaatg caacaagttg 240
aagaagtga gtcgacgtg agagtgttc ctatatggtt tgcacatca atttactact 300

gtgactgaag gatatgttga agctgctgag aaattccaaa gggagtctgg aaccanacca 360
 gngatagatc ttgcgaccan tactgatcga atggctgttn gnnaggctgt tcaagaacgc 420
 gcnntgncga ngatgcgatt gnaaagagtt taatggattt tgaancctgg 470

<210> 6140
 <211> 474
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C10
 <400> 6140

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 gccactagag gagctcctcg tgacaatgag accagactgt cttgtcggta acatgttctt 120
 cccttggncc actaaagttg ctgagaagtt cggagtaccg agacttgtgt tccacggcac 180
 aggctacttc tctttatgtg cttctcattg cataaggctc cctaagaatg tggcaacaag 240
 ttctgagccc tttgtgattc ctgatctccc gggagacatt ttgattacag aggaacaggt 300
 catggngaca gaagaagagt ctgtantggg gaggtttatg aaggcaatng agactcagag 360
 agagatatct ttggcgtggt ggtganacaa cttctacgag cttgnacaag gcttactcag 420
 gantattttc nngagctttg tggggaagaa gngcgtnggc atatcgggcc gcct 474

<210> 6141
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C12
 <400> 6141

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 cgagcagttg aaattgaatc cttcgattct ccacgatcct agtctgggtt tcntcaaaga 120
 atatctccga agtttaggag ctcaagttcc gaagattgag aaaactgaaa gagattatga 180
 agataaggct gagacaaaac ccagttttctc tcttaaacnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngcctcc 300

tcagccgatg ggagacccta ctgctgaagt gaccgatgan natanggatg atgctcagtc 360
 agaganagaa gcaacctatg gaaggcantic ctctgatggg aagtttggcg anagctatag 420
 cagcatctac caaaagnt 438

<210> 6142
 <211> 486
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C2
 <400> 6142

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 gagattcagc acccggtgc taaacttctg gttttagctg ctaaggctca gcaagaagaa 180
 atcggagatg gagctaattc gacaatctcc tttgctgggtg aacttcttca aaacgctgag 240
 gagcttatca ggatgggact tcatccgagt gagatcatta ctggatatac taaagctgtc 300
 agcaaggctg ttaaatactg gaacaactgg gttgagactg ggttctgaga ccatggatgt 360
 acntaacaag gatgaagtta tttctcggat gagagcanct gttgcaagca aacagtttgg 420
 gcaangagga aataatttgc cccttagtta ctgacgcatg tattcaaagt ctgcccaacg 480
 aatccn 486

<210> 6143
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C6
 <400> 6143

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 gaattcgttt tgtcgccgctc ggtaatggcg aaaaattaca cagtcgccga tgtcgtaa 120
 atcgacagt acagtgcagc tgacgacgac aacggaggag taataggaat ggttccgagc 180
 ttggcatctc taatagagaa tcagaaagtt tcgacgctg atgctgcgac ggtggctcct 240

cgagaaaccc tagagtgccg aagtttctgg aaagccggcg aaaactttgt gatcccttca 300
 agtgttactc taactgccat aggtatgggt gagcatgctc gtgttcatcc aanagtttct 360
 tcactcgaat gctacttcac ataaatgggc tttggagcaa tcgccgagct acttgacaat 420
 gccggttgat gagatac 437

<210> 6144
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C7
 <400> 6144

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 gccatcttcc agagaatgaa gaactacaca atatatgcag tctcaattac cattcgtata 180
 gtgtttgggt ttatgctcat tgctctaata tggaagttcg acttttcacc attcatgggt 240
 ttgatcattg ctatattaaa cgatggaacc atcatgacta tctcaaagga cagagtcaag 300
 ctttctccaa caccagatan ctggnaactc aaagaaatct tcgcaaccgg cgttgttctt 360
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 cttcc 425

<210> 6145
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C8
 <400> 6145

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 tgaaggagca acaagaaaag aacttaacct ctgtttcgag aatatgaaga tggaaggagt 120
 tttgatctct gagtggaaag atatccctgt ggagcttctc atgaagattt taaaccttgt 180
 tgatgatcgg actgtgatca ttgcttcttg tatttgtagt ggctggagag atgctgtttc 240

tcgcagtagc taccctgtgg tgaaagcaca atctaacaag gttagtactg gtgcatcatc 300
 aaatgctgcc aaagttgatg ggccatcatc agctgaagga aaggagaaaa actcattgaa 360
 ggagtcgtct gcttcttctc ctgaattagc tacaagaaga gtctatttct gagttcctta 420
 accaagtaac anctcttgtc aaagcttggg ggantcaaag agacattggg gaggttgcaa 480
 tttggaaana ac 492

<210> 6150
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-E7
 <400> 6150

agcagcntta ccgggccaat accggtcana aattcccggg ccgaccacg cgtccnnttc 60
 ttctctgcag tctctcttct ctctgttttg ccttgctctg ttctctcttc ctctcatcgt 120
 ctctccatc ggcatcaact atggncaggc cgctaacaac cttctcccc ctaaaaacgt 180
 catccctctc ctcaagtctg tgggagctac aaaagtcaag ctctatgacg ccgatccaca 240
 agccctacgt gccttcgccg gctccggctt cgagctcacn gtggccctcg gtaacgagta 300
 cctggctcag atgagcgacc ctattaaagc ncaaggctgg gtgaaggaga acgtccaagc 360
 ttacctccca aacaccagga tcgtggccat cgtantggga aacgaagtcn tcanctcang 420
 tnanntcaan cntcangaa tcccncttc ccggctaggc aagagcantc a 471

<210> 6151
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-F1
 <400> 6151

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 aaagattaaa gtagcggaag agaaagttcc taaacatgtt cgagagaagc aagagactct 180

tgcgcggtgg aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngattaggca 300
 gaagagaaag atcaggaaaaa tggagaagaa gcaagaaggc ctgattctaa cagcaaagca 360
 aaagcgtgat gctgctaaga atgaggcttt cagaaaaagg gtgttgactg atgctggaag 420
 tcttcttggt gcagataaaa acggtgattc ctcaaaaacg tcccatatat nggaattaa 480
 a 481

<210> 6152
 <211> 430
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-F6

<400> 6152
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 actccttttt cctggatttt gttttctcga ctgatttggg gaaaagctat ggtggtctga 180
 ttaatctctg tctgtctttg gtgagatggg tttggatgct gttaaagcta aagggaattg 240
 gaaatcnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngtggttgct gggtaaatt 360
 taggtttatg attggttgca tacctcaaaa tcagaccttg atgcgtcttc ttccttctaa 420
 ccatgggctc 430

<210> 6153
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-B4

<400> 6153
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 tcangtatcg ccggccgatt caataatttc gctttactct gccaaaaaag tttgttcttt 120

tttttaatct ctgattgaca gatttgaaga gcgtgacaaa ggaagaatct tttattaaaa 240
 caaattcttc tgttttaatc ttgggatggc ctcggtgggc atagagccta gtgccgcggt 300
 tagagaatct actggaaacg ttactgatgc tgatagatta cccgaggaga tgaaggacat 360
 gaaaattcaa gatgataaag aaaatggaag ctacgattgt taatggcatg tgactgagac 420
 tggccatata atagtaacta ctataggagg aagaaatggg caaccaaacc a 471

<210> 6156
 <211> 447
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-G8

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 aacatattct ctgctgggta ttagattcga atttctcttt ttgtgatcag aaatggatcg 120
 agctccggtg accacaggac cgttggatat gccgattatg cagcacagtg atcgatatga 180
 cttcgtaag gatattgggtt ctggtaattt cgggtgttgct cgtcttatga gagataaaact 240
 cactaaagag cttgttgctg tcaagtacat cgagagagga gacaagattg atgaaaatgt 300
 tcaaagggag atcattaacc acaggtcact aaggcactct aatattgtca gatttaaaga 360
 ggtcattttg acgccgactc atctggctat cataatggaa tatgcttctg gcggtgaact 420
 ttacgagcgg atttgcaatg cangacg 447

<210> 6157
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H2

<400> 6157
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 attgcaattt ttctaaatcc ggcgattaaa tatgggtttc atagtcggcg ttgtaatcgg 120
 actcctcgtc ggaatcgcaa tcatcatcgg ctttgtcaag ttggagaatt ctcgatccaa 180

gcttcgctct gaacttgcca atacggtggc tgcttttgcg aggatgacgg tggaggattc 240
 caggaagctt ttgcctcctg agttttatcc ttcttgggtt gtcttctccn agcgtcanaa 300
 gttgacttgg ctcaaccatc acttgacana gatctggcct tatgttgatg angcagcctc 360
 tgagcttata aaggcatccg tggagcctgt tcttgagcaa tatagacctg ccattgtggc 420
 ctccttanca ttttctaagc ttactctcng tacagtggca cctcaattta caggg 475

<210> 6158
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H3

<400> 6158
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 aagaagaaaa tggcggagac tgtacattct ccgatcgta cttacgcacg gatgttatcg 180
 cttctgcct tctgtccacc tttcgtcatt ctctatggt acacaatggt tcatcaggat 240
 ggttctgtta ctacagacctt tggcttcttt tgggagaatg gagttcangg acttatcaac 300
 atatggccaa gaccacacctt gattgcttgg aaaattatat tttgctatgg agcatttgaa 360
 gctattcttc agctgcttct gcctgggtaa angagttgag ggtccaatat ctccagccgg 420
 aaaccgacca gtttacaagg gcaatgggtc tggctgctta ctttgtgaca c 471

<210> 6159
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H5

<400> 6159
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 caaattgtga cctgaccaag actcaagacc aaggctctac cctaagaatc ttccacatag 180

acagcccttg ctcccccttc aaatcatcat cccactctc atgggaagcg cgtgtgctcc 240
 agacgctggc tcaagaccag gcccgctctcc agtacctgag cagcctcgtc gccgggagat 300
 ctgtagtctc cattgcctca gggcgctcaaa tgttgcaaag cactacatac attgtcaagg 360
 ctttgatcgg tactccgggt cagccgctgc tcctagccat ggacacgagc agtgacgtgg 420
 cttggattcc ttgctcggc tgcgttggtg tccttctaac acggcct 467

<210> 6160
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H6
 <400> 6160

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 acgggtgatc ggatcctggt tttggcccat ggattcggta ctgaccaatc agcttggcac 180
 ttgatccttc cttacttcac tcaaaactac agagtcgtcc tctatgacct agtttgcgcc 240
 ggcagtgtca accccgatta cttcgatttc aatcgttaca caactctcga tccttacgctc 300
 gatgatcttc tcaacatcgt tgattcactc ggaatccaaa actgtgctta cgttggtcac 360
 tctgtttccg ctatgatcgg aatcatcgct tcgattcgct ggccgngct tttctccaag 420
 cttatcttga tcggattttc gcctangttt ctcaacgacg angattatca tggag 475

<210> 6161
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H7
 <400> 6161

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 gaagaatcct cgtcctcttg atgaagatga tategctctc ctcaagactt atggggttagg 180

gcctcatagc cttecgcttta cttatcctag cctgctctta ctggcgcttg tcaacctccg 300
 gtgatgactc cggcgaaaga gtcgacgagg aaaaagagag tcggtctgga gtgaaggcgg 360
 ctagcgcggc gtgcgaggag aagggttcttg tcataatggc cggagatgac ttgccgaggt 420
 ttctggccac gccggcgggc aac 443

<210> 6164
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-A11
 <400> 6164

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 tcaatgacgc caatctcgtg ccctacgact cctcgttgga accaagacag accntttctc 120
 actggctcgn tccatcagga aacgagggca agctccaagt ttgctgattc taagagggtt 180
 acttttagact cgtctagttc tggagtagag caggcaattg gctgctatga cacaccggtt 240
 caggagctta tcgtcattga tgatctctta tctgcgttgg ttggaattga agggagatat 300
 atttcaatta aaagattcca tgggaaggag gatantatag ctttccaagt tgatccatca 360
 atggatttgg nantacagga attggcganc annatatttc ctttatgtga ataattanc 419

<210> 6165
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-A8
 <400> 6165

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 gccggtttct cggagtaa ataatggctcag ttcacgggtc gggtcggttg agactacttg 180
 gtgggtcgtc aaatcgggtc gggttcgttc tctgttgttt gggaagcgag gcaccggtt 240
 gacgggtactg aggttgctat caaagagatc gccatggaca ggcttaacaa gaagctgcan 300

ccacggagtc cgacccgaac tcatgactcg gttagagcag gaggctattg gcttcntcgg 360
 cttgcctcag tctcttaaaa accgggccgg tccanctgaa ccgtacggtt 410

<210> 6168
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-F4
 <400> 6168

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 ctccgttccc gagacaagca aaagcttcaa tctcaaattc ttcagcagct acaaaaatgt 120
 tcttcatcta nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn ncgtcatcag ttgcggcgaa gttcgctttc ttcccgccga gtccgtcgtc 240
 ttacaagctg gtttacgatg aactgaccgg acttcttctg atgaacccat ttcctcaccg 300
 tgaaaacggt gaaatcctta agcttccgac acgtagagga acagagatcg tggctatgta 360
 cgtcagacat ccgatggcta cctctactct gctttattcc catggaaacg ccgccgatct 420
 ggggcccaaga tgtntgagct cttcatcgg 449

<210> 6169
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-F4
 <400> 6169

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 tcggatgatg agattcttaa ttacggattg accattgctt cgnaagggca agagaatgta 180
 ttacttgtgc ttgatcaggt ttacgagac tacagttggt tcacagagca gagaatgtct 240
 gaaaaagcca aggagactgg agaanaggtg ctgggaaatt cagtgggtggc ggacacttcg 300
 ccggaggagc ttaaggggtga gagaaaggat gttgtggaag gtcaatgtgc ggcgtattgg 360

acaacacttg caccgaatgt cgaggattan actcacagta ctgctaaaat gatagcttcc 420
gggtcangta agctgatcag aggggatact gtgggtgttng gattaactg 469

<210> 6170
<211> 460
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F6

<400> 6170

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atcgagtaca aaccgcaagt gaaacagagt aacagagacg cgctcgtcttc aacgatgctc 120
tcaacggtga cggcgacggc ggttttctga ccgattctga aggnngaagt tacaatcaaa 180
aggacgttta aagtgcggc ggagaagttt ccgacgtttc tgccgaccga tgcgagaaa 240
attaaagaca cgtttgctct aaagctcgcc gccagaatag agaggcttcc tgtatctgtg 300
agcttcaggg aagatagtat tatgagcagt tgcgtgacac cgctgatgcy gaacgagaca 360
actcctgttg tgcttcttca cggatttgat agttcttgtt tanagtggcg atacacttat 420
cccgttgctt gaagaanccg gtttagaaac atgggnattt 460

<210> 6171
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F7

<400> 6171

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tgtcttctag aaatgtggac acgactaagt acaagttgtt gaatccaagt gatgacagat 180
tccttagaga cacaatcttg tccttcatgt tagctggtan agacacanca ggctcancgc 240
tcacttggtt cttctggctt ctatgcanta accaagaagc catgancaag attcgtcaag 300
aaatcancac aaatctattt ccaaganaca agaccgacga cggttctgtt tcntatgant 360

ctgantcatt caatcccca gaggtanaga aattggtgta ttacacggc gcggtttgtg 420
aangcctcan gctctagtcc agctgttccc gnta 454

<210> 6172
<211> 482
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F8
<400> 6172

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tgccacttgc atgtctggga actccacttc caggaggatt tncactactg aggcagcacc 180
tgagaagaaa aacactgttg ggtctaaagg gcatgatatg cttgcacctt ttactgctgg 240
atggcagagt gctgatttag atcccttggg cattgcaaag tctgaggga gttatgtgta 300
tgatgatact gggaaaaaat atcttgactc tctcgctggg ttatggtgta ctgccttagg 360
aggaaatgag ccaaggcttg tttctgccgc tgttgaacag ttgaacacct tgccgtttta 420
tcactccttt tggaaccgta ctactaaacc ttctctggat cttgcaaagt tcttttagag 480
aa 482

<210> 6173
<211> 426
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-G1
<400> 6173

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gangaacttc tacaaggaca cgtgtcctca ggccgaagac atcgtccgtg aacaagtcaa 180
actcctctac aaacgccaca agaacaccgc tttctcttgg ctccgtaaca tcttccatga 240
ctgcgccggt gagtcatgtg atgcgtcgen tttgcctggg attcgacaag aagagagcta 300

ttgccaaaat tcacagaagc tgagaagaag ttgctaaagg gttctacaga ttacgtaggg 300
aatgaattac tataccttca gtgtttgcaa aaagaaaatt agccctgatc ctaagantcc 360
cgagtttggn ccnactgatt cctcttggtt gaatggggat aaccaagagt gttggatggg 420
gtaccaaaaat tngggnaaca aggccgttta aanggggaaa a 461

<210> 6176
<211> 456
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-012-Q1-E1-A2
<400> 6176

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gatattgtcc gaggataaaa catgtttgct ctttccaagg ttttgcgag aagtcagagt 180
ctccgcctag gagcttgcaa tgctgtctac tctaagctag atataccatt gggagaaaga 240
aacattgcta ttgaatcaaa cgctttgatt catgataaac acgaagcttt gcctagattt 300
tatgagctct cttggtcttc ctctaccggg aagacgttca ctttcctcgg acgctggagc 360
taaaactaac cggagatgac gatgacctcc gaaagacaag aatgtaanct tgcaactcca 420
gacgagaact agtagtgata agtgaagaag gtgang 456

<210> 6177
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-012-Q1-E1-A3
<400> 6177

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ttgtaatgga agaatctcag ggcatcaatg gcgtcgatga ttcagatcgt catctcccaa 180
ttctctactt aaccttttta acgatctggt ctttctccgc ttgttcttgg acggttaaca 240

ctttcaaaaa tcgccacttt cagacaaata gtttacaatg gactcttgct tcagttccat 300
 taatcaaagc cttacagctc acactatctt tcctcttttg gcattcatgt tttcaccatc 360
 acatttgctc tctatggatg tcttttgggtg tatatgtgac tgggtgttctg tttcagacag 420
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<210> 6178
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-A6
 <400> 6178

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 agtaccact tgcctctctt cttctctttt attgcaattt tcgacctaac ccaagtgttc 180
 gaagctcgtg gcatttcctc actcgaagtt tgaatttggg tttgtgatgg gatctaaaca 240
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 tactttctca tcgggtcgaa gcaagcctca gttaccanct aagcctttgc agtccanaga 420
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<210> 6179
 <211> 473
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-A7
 <400> 6179

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 cactctctcg cgaatcgaat cagcattent caatcttctt cttctctatt gcgatctctc 180
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 ggataattat tgcgtaccga ggtactagca cgaccggttt agtgttttcg gcgacttcga 420
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<210> 6180
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-B10
 <400> 6180

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 ctaatcatgg gttttatcga tggaaagtgg gcaccaatga tagtcttaat tgtttctaac 180
 atgattgcgg gaatgggttaa tgcttttagtt aagaaagttc ttgatggagg catcaatcat 240
 atgggtattg ctacttatcg tttgggtata tctactcttt tccttcttcc agtcgcttat 300
 ttttggaac ggnaaacang accaangcta actctaagca tctcatgtca gcttttcgctc 360
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 tctg 424

<210> 6181
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-B2
 <400> 6181

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 taccgtcgga tgggtctgcc tccgggaagc cttggtctcc ctctgatagg agagactttt 180
 cagctgatcg gagcttacia aacagagaac cctgagcctt tcatcgacga gagagtagcc 240

cggtacgggtt cggttttcat gacgcattctt tttggtgaac cgacgatttt ctcagctgac 300
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 gctccatttg taaccttttg gggaaacact ctctgcttct taagaaangt ctttgcataa 420
 acgtatgcaa ctctctcaac aatgagcttt gccaaatcct caatcaatta aagaacatct 480
 caagccn 487

<210> 6182
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-F3

<400> 6182

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 gctcgggtgcg ggtaaagaag gatggctcgt gaacaatcca aaccttttga gtgcacttga 180
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 atatctcttg gtttactctg ttaccggtga tctgatccat aagcagattg tacatcaaag 420
 ccgtatatta aaaataagag ttcgaggaac taagaaagat ttgatgcaag agacatcctc 480
 tgangga 487

<210> 6183
 <211> 489
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-H4

<400> 6183

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 cttcaacggg aactcaaaaa tcagaatctc cagatcgaga gcttaaaaag tcgatttcaa 120

ttccccttta agattttttg cttttggaat gtagtgtgaa gaagaaaccc tagttttttc 180
tcacttgaat tctctgcctt ctttagtaat gtcaagtgaag cagcgagaag gttcgcaaga 240
gacgacgacg acgacggtgg aaggtaacgg aacaattgca ggtcagaatt ctcatcggc 300
ggctcccacg acattgagag ctacctctac gatgggtttct tgccaagaga ctaaggntaa 360
accctaacaa cgagcataga cccgatagtt atgaagatct gcaacttgat ttcccaaact 420
cggataatc nagtcctggg agaaatactt gcctccgaat atgctccgtc tcgaatcgtg 480
atgagaaaa 489

<210> 6184
<211> 430
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-H8
<400> 6184

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attcaacacg tgtcctcacg tttctgatat tgatctcgct aatggcggtg aactgaacc 120
tttttccac ggtagaggca aagaagcgga gtagagatgc tcctatagtg aaaggtctct 180
catggaactt ttaccagaaa gcatgtccga aagtcgaaaa catcatcaga aaagagctca 240
agaaagtctt caagcgagat attggtttag ccgctgccat ccttcgtata catttccatg 300
attgcttcgt tcagggatgt gaagcatcag tgctgctaac tggathagcc agtggaccaa 360
gagaacaatc atcaatccca aatctgacac tacgacaaca aagcctttgt ccgtcattaa 420
taancttcgt 430

<210> 6185
<211> 457
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB23-010-Q1-E2-H9
<400> 6185

acgcgtccgc ggtgagctat ttgagcgtat atgtagcgct ggaagattca gtgaggatga 60

ggcaagatac tttttccagc agcttatctc aggagtcagc tattgtcatg ctatgcaaat 120
atgccacaga gatctgaagc ttgaaaatac cctcttagat ggaagtcctg ctccacgcct 180
gaagatctgt gattttgggtt attccaagtc ctactgttg cactctatgc ccaaatacaac 240
tgttggaact ccagcatata ttgcacctga ggttctttct cgcggagagt atgatggcaa 300
gatggctgat gtatgggtctt gtggtgtgac tctttatgtc atgctgggtg gagcataccc 360
attgaagac caagaggatc ccaaaaactt caaaaaaaca atacaaagaa taatggctgt 420
caagtacaag atcccggact atgtcatatc tcacaag 457

<210> 6186
<211> 456
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-A3
<400> 6186

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tcgctttaag ctcttaccct gaacgccccg gctccgactt cagctttttc ctctaccaat 120
gggcttttgc catagccgcg gccggaatca ctacggttc catcgccgag cgaacgcaat 180
tcgttgctta ccttatctac tctactttct tgaccggttt tgtttaccgc acagtctcgc 240
actggttctg gtcaagtgat ggatgggcta gcgcgtcccg gtctgacaac aatctcttgt 300
ttggctcagg tgctattgat ttcgcagggt caggagttgt tcacatggta ngtggaattg 360
ccggtttatg tggagcgta gttgaaggac caagaatagg taattttacc ggtcangccn 420
gtccgtggct ttacgtggtc acagtgcatt cccttg 456

<210> 6187
<211> 446
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-A4
<400> 6187

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cctctcatcg tcttcattat tctcccaatc cctctactct cagattctcc cgtccannca 120
gaaataaacc taatctcgcc ttgcgatgtt cagtctcaat tgagaaagaa gttccccgaaa 180
ctgaacgacc ctttactttc cttagggatt ctgatgacgt cactccatct tcttcttctt 240
ccgtcagggc tcgtttcgag actatgatta gggctgctca agacagtgtt tgtgatgcaa 300
ttgaagctat agaaggcggc cctaagttta aagaagatgt ttggtcgcga cctgggtggt 360
ggcgggtggaa tcagtcgtgt gttgcaggac gggaatgtct ttgagaaagc tgggggttaa 420
tgnctctgtg ggtttaaggg ggntaa 446

<210> 6188
<211> 487
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-B4
<400> 6188

tacgcttncc gtgccccgctc atangattaa ngggncgacg cacgcgtccn accacngtc 60
cgccccacgcg tccgctctgg ctccgaggac cagtcacat gaaagggttat gtgggaaacg 120
agaaagcgag tgcggagaca gtagacaaag aagggtggtt aaagactggt gatctctgtt 180
atcttgattc ggaagatttt ctatatattg ttgatcggct aaaggagcta atcaaataca 240
aggcttatca ggttccaccg gtagagttgg agcagattct tcactcgaat ccagatgtga 300
ttgatgctgc agttgttccg ttccctgacg aggatgcang agagattcca atggctttca 360
taagtgagaa aaccaggaag caatctcaac gaagcgcaaa tcattgattt cgtanctaaa 420
caagttactc cgtacaanaa nggtaagacg agttgctttt ataatgcaat cccaaaaaat 480
cctgctg 487

<210> 6189
<211> 437
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-B6
<400> 6189

ccgggnccga cccacacgtc canttcacta attccacata ctcagagaga aatggcaacc 60
gaaaccgtat tagccacggc ggtgagcaat ggcaaaagca aaggatgttg caagtccggt 120
ccagggttacg cgacgcctct cgccgccatg gccgggtccac gggaaaagct catctatgtc 180
actgcccttt actccggaac ggggcgagac aaaccggact acttggcaac ggtggatgtg 240
gatccaagct caccacatt ttcaagcgtc attcacagac taaaaatgcc atatatagga 300
gatgagcttc accacactgg ttggaactct tgcagctctt gccatggtga tgcttctgct 360
gatagacggt ccttgtctta ccaggcttan tttctggtcg catctatgca ntcganacag 420
cgancgaccc aaaaggg 437

<210> 6190
<211> 396
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C3
<400> 6190

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cgggtgaggt agcgacttca gctgttgat tagcggcgtc tttagctact ggntacggcc 120
ttgggctccg tttagccggc tccaggaata ttgcctttgg tggggctgct gttgctggag 180
ccgccggtgg agctgtcgta tatgcgttga actctgctgt accggaggta gctgctatca 240
gtttgcataa ttatgttgcc gaattcgaag atcctgcctc tgtgacgaaa gatgatgtan 300
aaaagatcgc tgataggtac ggtgtcaaca aaggagacna agcattccaa ggctgagatt 360
tgtgatattt attgccggtg tgtaacttcc gtgcnt 396

<210> 6191
<211> 475
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C5
<400> 6191

gcnacgtaa aggtcaccac attctcgggc cgacncacnc gtcnanccac ncntccgagg 60

acgcntggga aaanatnatg gaacgcaatg ctagggaaat gtggtttctc actggcgttt 120
attctttctct ttagtgaccg aagttgcatt gtggnrtggcc gctttaactt gagatatctt 180
ccgagttcac aaatcattac aagtttggtg caaaacttta tcagctggat tcggtatant 240
aaaacaggag atgactcttc ttcactgcta agacgctcca cggaacttag tcttaggttg 300
attcggaatg gacaatctga tgctgttgag cgaatccttg tggttgtgga ggcaagttta 360
cgtggggaga aaacatttgg atgttctcaa gatactagtg gagattgggtg tcntcttcaa 420
catctccgtg gttgttgcct tcntgatcaa gtacaacgtg ggtgcaagtg gnata 475

<210> 6192
<211> 489
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C8
<400> 6192

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cannnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnag aaanaaacia 180
attgcacacc ggtggtctca gtagacagag ttttcctaaa ggattcgtgt ttggaaccgc 240
cacgtcagct tatcaagtcg aaggcgagac tcatcaagac ggtcgtggcc caagcatttg 300
ggatgccttc gtcaagattc ctgggaagat cgccaagaat gccacggctg agataacagt 360
ggaccagtat caccgttaca aggaagatgt ggatttgatg aataaactga acttcgatgc 420
ttacanattt tccanttcan ggtccagnga tattccctga agggaagtgg taaagtccac 480
tggnaaagga 489

<210> 6193
<211> 463
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-D2
<400> 6193

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 aggagacgat cttacgcgac gaatccttga gagattgaga gggacaagcg agttttgacc 120
 caaggattgt tgacgggtcta tattgaacaa gtaacaagg atgcgtaagt ggatctgttg 180
 tacatgtcaa atagaanact caaatgaacg agcaacaact gaaaagttca cagcagcaat 240
 ctgatgcaaa tcataagaat tcaaaaccag cacctgttgc aaaacatgag gttaagaagg 300
 aagctcttcc cancgaggtc cctcccttgn ctttgganga ngtnaggna aacgactgaa 360
 aattttggat ccaangnact gattggtgga aanggtccta agggaagagt atattatgcn 420
 acacntaatg atgggtgtgg cgggtgcccn gaa 453

<210> 6196
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-H2
 <400> 6196

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 ctctctctcc acaagaaacg ccgtcggttca ttaaaaatga tggcggtggg cagatccgga 120
 ggcaccatcc tattgttctg cctatcattc ttgcgcgcg taaccgcgga gagtccatac 180
 cgattctttg actggaatgt aacatacggc gacatttacc cactcgggtg tcgtcagcag 240
 ggaatattga ttaatgggca atttccggga ccagacattc acagtgtgac aaacgacaat 300
 ctcatcatta acgtacacaa cagcttagac gagcctttct taatctcatg gaacggagta 360
 caaacagaa gaaattctat gttgatggaa tgtacgggna ccacgtgtcc aatttcaacc 420
 gagaagcaac tacacataca ntttgcaagt gaaaagacca aattggaagt tccaatactt 480
 cc 482

<210> 6197
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-E7

<400> 6197
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 ttctggattt tgtttctctc tagtctattc cttcaaaacc aagaacccaa ctttgtttta 120
 tattcaaaag ttgtttgctt tcatcgcggt tgggtgttcat cttcatctgg tttgagatta 180
 taataacatg gaaggaatca ttgtgagaag agttatacca tctgataaca gttgtctctt 240
 caatgcaatc gggttatgtca tggacaagga caaaaacaaa gctcctgagc tcagacaggt 300
 gatagcagca gcagttgcaa gcaacaagga gaaatataat gaagcatttc tagggaagct 360
 caatgaagaa tattgtgctt ggattctcaa tccaagacaa gtggggaagg tgcgattgaa 420
 nctttccgat attaagcaag aataataatg ggccgagaaa a 461

<210> 6198
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-E8

<400> 6198
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 attgattcga gttctttctt cttgaatctt gttcttcata gatctagttt ttgtttttta 120
 ctctctagat ctatagatct gttgaattca cttctttaat ccattctctgt gttcttgagt 180
 tcctatggtc taagtcaaac tcaagttcaa gatctgttga atttggaatc ttgctgggtga 240
 agttagagat gaattatttc ccagatgaag taatagagca tgtattcgac tttgtaacat 300
 ctcacaaaga caggaatgct atatctcttg tatgcaaate atggtacaag attgaaagat 360
 acagtaggca aaaggtttca atgggaaact gtaagccaat naatccagag aagggtggctc 420
 cgaaaaatccc aagggtcnaaa gtcttgacnt tgaaaggaaa acccaatttg cggatttca 479

<210> 6199
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-010-Q1-E2-F1

<400> 6199

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 cctccgcctc tcccaccagc gtcgcccgcg ctaatcttct cccgaacgtt cctttcgctt 180
 cctttcccg ttccgataag ctcgccgtg tagctgattg gactcgcaat ctctctaatac 240
 catccgctcg tctaacacc ggatccaaat cagatccgtc tgcagttttc gatttctcgc 300
 ctttcgcaat cgacgaaggc ttcgggtctcg ctctctccgg tggtaatccc gacgaagacg 360
 cagctttccg tctcgtcgac ggtaaacctc cgccgcgtcc taaattcgga cctaaatggc 420
 gtttcaatcc tcaacaacaa tcgggatcaa gcttctc 457

<210> 6200
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-F12

<400> 6200

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 tgaatacatt acaaggggta tttttgtctg aatggaaact actcaaaaag atgagctttc 120
 gagctttctta agtgtttctc ctctgtgga tttctgttgt gtttatgggt caacattgca 180
 cccaaataac caagataagt ctaagatggg ggactatata cttggagtct ctgatactat 240
 aaaatggcat tctgcgaatc tgaaaatgaa ttcagatcac tatgcttcat ggatgggttca 300
 ccttgggtgga gctaggctga ttacaaatgt tgccgataaa gtaggagttg gagttcactt 360
 caatccgttt gtcaactgga acgacaggaa gctcaagtat ggagttgttc ggatgcatga 420
 cctagtacag gacatactgg gactggaaga ngttctact 459

<210> 6201
 <211> 506
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-F3

<400> 6201

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ccacgcgtcc ggttctacgc aactccataa tttcaattcc tctcgacgtt tcacggcgaa 120
gcttcagatc tacttttccc cagctcagta tggagacggt tgattctcgg aacaaattgc 180
attcccgggt acgtttatgg gaattccccg atcagtagat catcgagcca gctgatggct 240
caggctcttc atgtttggat attagtcgtg ttgatgcttc catgaagctc atcgatcaag 300
tcccagaaag caattccgtg cgtgtcccta aaatccgttc catttttggg gtggttggga 360
tggtgaagct ccttgcagga tcatacttgg tgggttgaac tgagagtga cgtgttggat 420
cgtttctggg gcacacctata ttcaaagtta caacgcttaa ggttcttcct tgtgatcatt 480
cacttaaaaa ctcgcctgaa agaaca 506

<210> 6202
<211> 461
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-F9
<400> 6202

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cgtcgtagat ctgtctagtt acctcgactt ctccggtgat ganttaggat ccgatctact 120
cgaatcatgc cgacaagtga gtcggatcct aaaanaaacc ggagctctca ttgttaaaga 180
tcctcnatgt tgccgcnaag acaacgatcg antcattgat atgatggaaa attatttcga 240
aaaacctgat gatttcaaac gattgcaaca aagacctaat cttcactatc aggttgggtgc 300
gacgccggag ggagttgaan tgccgaggag tttggttgat naagagatgc aagatnagtt 360
caatacaatg cctaataaat acaaaccaca tattccgaaa ggaccaagat cataagtga 420
gatatatgtg gaaaattngt cccaaggcca tctaacacac n 461

<210> 6203
<211> 484
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-G1

<400> 6203

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agcaaaatcc gcagttttct acattaatgg attgtttctg ttctagagct tctcttccgt 120
ctctgtgatt tctgggtaga ttctaggatt tctatttgca tctctaacct gagagctgct 180
aatagtccac acaacttttt agtttgtgag ttttcctaatt ttagggtag gacaaatttc 240
tgtatttttc atccaagggg ataaagatgt atgctgataa attggaggct gagtctggaa 300
gcaggaaggt cgtaaggat cgtatcaatg gcggttctgg agacatctct actcgcgtgc 360
gacaagtgac tgggaagagg caaaggcang acgacaaatg ggagcatgat ctttcagtag 420
tgacaaacct caactttcaa atcgcaaggg ttgatcctaa gagatctccg ttgaagctcc 480
aaaa 484

<210> 6204

<211> 528

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-010-Q1-E2-G12

<400> 6204

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gattcgtgaa gccgaaaaaa aaaaaaaaaat ggtaattctc agcaacgtct cgttgttctc 120
ctgctgcaac atctctcaga aaccatctct cttttctccg tcttctcgta gttctcattg 180
tcccattcgt tgctcacagt cacaggaagg gaaagaagt gttaccaagt cttttgagaa 240
gtgtgggttg gtcattagga gaagaggttt caaagagaag tctatttgca cttgtctctg 300
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gagtcaccaa ggggacaagg acttatctgg gnaaagattt cagtggncaa gactccttaa 420
caaggcangg actttcaaaa acgttcaatc ctnaagggca aagccaaact ttnaaggggt 480
tgcnaaaatt tgggttaagg ggcaaacctt ccttttgatg caaaattt 528

<210> 6205

<211> 487

<212> DNA

<210> 6207
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-G7

 <400> 6207

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 aagaaacaaa ccgctccaaa gtcattgccc atttctctca atgtggatca gtcggtctcc 120
 gatcctactg ctgttccaac aacaagaaaa tcgttgatca tggaacgaat gggagataaa 180
 gacatcggtta gacgtgcatt taagagtttt cagaagagtt tcgaccaa at gaaatctact 240
 gatgatgggc aagatacagc tccaaagcag gttcttgcaa aggcaactgc tggtcagagg 300
 ttaggtacaa ctggtcagaa aaatgtcagg cttgcaaaat cagatggcac ggagagaaaa 360
 ggtcctaact ctcaacgttc ttcattctgtt gtatcaaaaa gcaacgggac agccgagaaa 420
 cagaangacc ttctaggctt ggcacaaaga nctgtagaga ngatacattt acaaggcnaa 480
 ac 482

<210> 6208
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-G8

 <400> 6208

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 ttggaaggac ttaagtatgc aaattcacat gagtgggtga aacatgaagg ctcaagttgct 180
 acaattggta tcaactgacca tgcgcaggac catttaggag aagttgtgtt tgtggagctg 240
 cctgaagcaa acagttcagt gagcaaagaa aaaagctttg gagctgttga gagggttaag 300
 gccacaagtg agattctatc tccaatctct ggtgaagtca ttgaggttaa cacaaagctc 360
 ancgagtcac ctggtttgat naaactcaag cccttatgaa gatgggttgg atgataaang 420

gtgaaaccga acagccccgc cggagttggn agctcctgat gggtcctaaan ggaatacacn 480
aagttctgcg aaagaaaa 498

<210> 6209
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-H11

<400> 6209

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ttcaaagctt caaattttctt tttttccttc ttgcaatggc aaaatcgaag aaaatttcta 120
caggtcaaatt atttggttgt gagagtctcc ttgggtgcat tttccagagc tggagccctc 180
gccgtcgaaa accctcttta ccggaaaagg atcatcgggc aaaagataac ttgtcttcca 240
agtcatcaac aaccgttaca aaccctaaaa tcttcccaag aaaatccacc gatacttctt 300
ctcaacaaaa gaaatctgac tcccagaaac cccaacaaaa gccaaaacca gatgagaatc 360
acccgcgaaa atcatcggaa tccgccagaa aatcatctga ttccgcaaga aaatcgattt 420
cgtcaggctc atcaagaaca agagagcaag agantctcac t 461

<210> 6210
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E2-E5

<400> 6210

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agtctcaact tgttccattt actgatgaat atgtggcctt aaggaaatat catgtagagg 180
catacttagg tcaaagccct acacaggtgc caaagtattg gcttgtgttt tcagtaactg 240
tgctcctctt tggcttcaact acttacacta tctccactgc taagaaaaca gatggatatt 300
ctagcaaatc atacgtctcc aatatcctaa aaggcgaaca gtcaataatt aacattggtc 360
atgggcatct gaagcttagt ttttccact gatcaaggga cagcaatcaa ttatgttaac 420

ggcagaacct cgatgacaga accagtcaaa caaga

455

<210> 6211

<211> 448

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-G8

<400> 6211

acgcgtccga tcccaccaa gaagaaactg gaggagtanc gganattgct gagtcttttg 60

gtaatatgga agtgactgat gagtctcctg atcagaagcc aggacaattt gaaagagact 120

tgtcgacgag aagcaaagaa ttcanagagt ttgatcagga ctttgactct gttctcggta 180

aggattcgcc ggcgaaattt ccaggtgaat caggagttgt tttcccgggtg ggctttgggtg 240

acgagtcagg agctgagctg gaaaaagatt ttccgacgag aagtcatgat tttgatatga 300

cagactgaaa ctggaatgga cacgaattct ccatcaagaa gccatgaatt tgatccgaag 360

actgaatctg gaaacgacna gaaatcccc gaatgggcct tggtanttaa atccagganc 420

tgagctggaa aaaagaantt gattcaga 448

<210> 6212

<211> 456

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H12

<400> 6212

cngtccgaa aaaaaaaaa acatgaaagt aacatgagat ctctcttatt agccgtgtgc 60

ctggttcttg ctttacctg cgggtgaagca nccgtgtctt gcaacacggt gattgcggat 120

ctttacnctt gcttatacta cgtgactcag ggcggaccgg tcccaaccct ctgctgcaac 180

ggtctcacia cactcaagag tcagggtcaa acttctgtgg accgtcaggg ggtctgtcgt 240

tgcatcaa at ctgctattgg aggactcact ctctctccta gaaccatcca aaatgctttg 300

gattgccttc taaatgtggg gtcgatctcc cttacaagtt cancccttcc actgactgcy 360

acagtatcca agttgagaca aagcaagaaa atccttaaag ggaaagctac tacaaggaac 420

tataataacc taataattaa taaatgangg caattg

456

<210> 6213

<211> 481

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H2

<400> 6213

ctggtggtca cataccgggt cgncccacgc gtccgccnan ncnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnct 120

aacaagtttc cggagaggca accgatcggn acttcggctc agagtgacaa ggactacann 180

nagccaccac ctgcgccgtt gttcganccc ggcganctag cttcatggtc cttctggana 240

gctgggattg ctgagtttat anctacgttt ttgttcctgt acatcactgt tttgactgtt 300

atgggtgtga agaggtcacc gaacatgtgt gcttcgcgctc gnatccaagg tatcgcttgg 360

gctttcgggtg gtatgatctt cgctctcgtc tactgcaacg ctggtatctc ccggtggaca 420

catcanccca agcngttttac gttccgtttg gtccttanct anggaagcct tcgctcacia 480

c 481

<210> 6214

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H6

<400> 6214

tttttttttt tttggagtta gaatgctatg aattccaaac cagagaagat tcaaatanaa 60

cagagactaa aaaggctggt canacagtaa taattcntgc acatgaacac taaaccagaa 120

cgataacagg aaacaaagat acagtcagta ctcaagtagt ttgagggcac ctacggaaag 180

caagtaatac tacagaggggt agacgttcca gtgcttaang atgaaacatc atcagtacaa 240

gcaaacgtgt ttttcatcat acaccgttgt cacttncaca agtggctgcn gtcagtccgc 300

agcatacggn naattgactt tcgacaagca ncatcanctt tgcgcagagg agcaaggcca 360

accaggcaga tggggacctc tcaatnccac gccnttcagg gngaaatctc cttaa 415

<210> 6215
<211> 448
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E1-A3

<400> 6215

acgcgtccgc aaaatgctca cgacacctcc acgaacnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnncaatcga actctgtata 120
caactctttc ctcaagtgtt tctccgacaa gacgaaatct ccacaatccc aaatcactga 180
caatgtcttc tctcagacaa accctgcttt ctctccggtt cttcgtgctt acatccgcaa 240
tgcgagggtc aacacttcct ctactcttaa acccaccatc ataatcactc ctgcgtccga 300
gagccacgtc agcgccgccc tcaactgtct aaaaacccta aatttcctcc tcaaaatccg 360
aagcggcggc catgactacg atggtctctc ttacatttcc gacaaaccat ttttcactct 420
cgacatgtcg aatatccgtg acgtctct 448

<210> 6216
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E1-A6

<400> 6216

acgcgtccgc tctctcttca ataatttctg caaacctaa ctttctcatt cggcgtcaa 60
gtttctctcc acccttcga gatttgggtc gatgatgtt cgtgctgtt ttaggagagc 120
ttccattaga ggctcttctt ctgcttcggg attgggaaaa tcattgcaat cctctcgtgt 180
tgcagtgtct gctcaatttc attctgtttc agcaacagag acgttgggtc ctcgtggaaa 240
ccatgctcat agcttccatc accgttcttg tccagggtgt ccagactgtt caaggactat 300
tatcaacggt taccaaggca cagccctgca aagatgggtc aggccctttt catctgatag 360
tggggatgtc gtggaagctg ttgtgccaca catgggtgaa tcaatcactg atggcaccta 420

accgcctttc tgaagaaacc t

441

<210> 6217

<211> 446

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-010-Q1-E1-A7

<400> 6217

acgcgtccgc ggacgcgtgg gaaatcactc gagaattcgc tattttatca ccaatcttct 60
tgaatcctct catccaatcg tctgattctc atctttctcc gttacttgtg gatcttacgc 120
aatgtataga gtttttgcga gccgagcact gagagctaag tctctctgtg acaaatcatc 180
cacctcgctt gcttctttga ctctctccag attgaatcat tccatacctt ttgctaccgt 240
agatgccgag gagctctctg gtgctcatcc tgctgaagta cagagctttg tgcagggaaa 300
gtggatagga tcgtcaaate ataacacgct tctagatcct ctaaattggag aaccgtttat 360
caaagttagc gaagtggatg aatcaagaac tcaaccattt gtggacaagc ttatcccant 420
gcccgaatac atggnetcca aaaccc 446

<210> 6218

<211> 441

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E1-A8

<400> 6218

acgcgtccgg ttcaattcac taaaccaatg aaaatgcaag cagttcttgt tatcttggtt 60
ttctccggtt tactttcggt taagacagcg ttagcagcac gacatgtgat cggcgggagc 120
caaggctggg aacaatccgt tgattttgat tcttggtctt ctgatcaatc tttcaaagtc 180
ggcgacaaa tcgtttttta gtattcagaa ctacacagcg ttgtggagct aggaagtga 240
acagcatata agagtgtga cctgggaaca tcagttaatt ccttaagctc tggaaacgac 300
gtcgtaagc tttctaaaac cgggtactcg tacttcgctt gtggaaccgt tgggcattgc 360
gaacaaggca tgaagattaa agtcaacggt gtctcttctg actccaaatc cgcttcctct 420
ccttcaagtt caagttcggg t 441

On the other hand, the fact that the number of people who have been killed in the past few years is much smaller than in the past few decades, is a very good sign. It is a sign that the world is becoming more peaceful, and that the number of people who are killed in wars is decreasing. This is a very good sign, and it is a sign that the world is becoming more peaceful.

<400> 6219

<210>	6220
<211>	444
<212>	DNA
<213>	Arabidopsis thaliana

<400> 6220

3052

<210> 6221
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB23-010-Q1-E1-B8

 <400> 6221

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 agaatattgg aatcttctgg atgcgcgac gctttgattt ttctgctctt catccatgga 120
 gctcactcat tctatctccc aggtgttgct cctcaggatt tcgagaaggg tgatgagctg 180
 aaggtgaaag tgaataaatt aacttcata aagactcagc ttccatactc gtattactcc 240
 cttccttttt gtcgccctag caagattgtg gacagtactg agaatcttgg agaagtgctt 300
 cggggtgacc ggattgagaa tgccccatac tcgtttaaaa tgcgggaggc acaaagtgc 360
 aatattctcg gccgggtcac tcttgatgcc aagacagcta aagcgtttaa agaaaagatc 420
 gatgatgagt accgggtcaa c 441

<210> 6222
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB23-010-Q1-E1-C2

 <400> 6222

 acgcgtccga tgtgactgaa atattcaagc acaaatcaga acatgggtcc tgtcttggtt 60
 ggagaagcac tatgaaccaa acctgaagcc cttgtgattt agagttacag agatacatta 120
 aaagggttcg ggatttcaca gtagcattca tagacagttc aggttagtta aacgtgcttc 180
 aaaaaagaa aaaaaacaga agtgtagttg aggtcacacc acaggtttat gctttgctct 240
 taatcaaata tttatctttc tcttttttgt tatttgctct ttttaattcc atttgcttta 300
 ttccttactt gtggggatta aatgtttgca gagaaagata attcgactga ataaatacac 360
 ttttacctgt atacttgta tatatttggtg tcaccccaaa gtgaaagctg cagactttga 420
 aacacagaaa ttctcccaat ggta 444

<210> 6223

<212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-G6

<400> 6225

ccgtagcgcg tcaaagaatt nantngcngg tcgacgagct cactaatcgg cggccgcctt 60
 tttttttttt ttttggagtt agaatgctat gaattccaaa ccagagaaga ttcaaataaa 120
 acagagacta aaaagggtgt tcaaacagta ataattcttg cacatgaaca ctaaaccaga 180
 acgataacag gaaacaaaga tacagtcagt actcagtagt ttgagggcac ctacggaaag 240
 caagtaatac tacagagggg agacgttcca gtgcttaatg atgaaacatc atcagtacaa 300
 gcaaacgtgt ttttcatcat acaccgtatc actttcacaa gtggctgcan tcattcccg 360
 agcatancca gattgacttc gagaagcagc atcaactttt gcgccagagg agcaaggcta 420
 ccangaaaat ggggacctcc caatgccacg ctttcangga gacatctccc ttanaacg 478

<210> 6226
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-D11

<400> 6226

acgcgtccgg ccatttgggg aagaaccaan gaaactgatg atcatagagg atgggttttc 60
 ccggattcgg ataccgagct ccctggagct gancctgact atcttaattg tgccaaaagt 120
 gtgaganaac tcnacgagat tgctancca aactatgaag ggaagtacac tgttcctggt 180
 ctttgggata anaagcttaa gactgttggt aacaatgaga gttcagagat aatccggatg 240
 ttcaacactg agttcaatgg tattgcnaaa accccgtcac ttgaccttta tccttcncat 300
 ctcatagacg taatcancca gactaacgga tgggttttca acggactnaa caacgggtgt 360
 tatnaatntg ggtttgcaaa gnntcaagaa tccctatngt gaagcacntg aaccacttac 420
 attntgcan tanatcncat tcaangaagt tcccggaaaa c 461

<210> 6227
 <211> 436

<212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-D8

 <400> 6227

 acgcgtccga ncgtgagaaa ctttgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
 nnnnnattgg tttggtctcc ggaaacagca tcaaaggctt atatagacan cgtaaatacg 120
 gtnagttttt tttttatttt cgggtgagtt gtgaaggaat aataacacac gcttcttctc 180
 tccagttctc gaaaactcag atcttaattt tgttaaagat tcatggnttg ttcttgtaac 240
 gatttttttc ttttcttttt gggtcagtggt gagaatcttg aaacgccgga cncggtggag 300
 ctgatancgg ngatggcagc gggatggaac gtgaagctga tegtgganac ttggtcanaa 360
 aggagacnca anaacttcaa gtantggatt aagacgtnc angcagacac gccaaacgct 420
 aaacacatnt gtataa 436

<210> 6228
 <211> 462
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E11

 <400> 6228

 acgcgtccgg aanagtcagc atcgttttgc ttgcttggtc gtttctctcg aactctctcc 60
 atggctgttg cgctccaatt cagccgatta tgcgttcgac cggatacttt cgtgcgggag 120
 aatcatctct ctggatccgg atctctccgc cgccggaaag ctttatcagt ccggtgctcg 180
 tctggcgatg agaacgctcc ttcgccatcg gtggtgatgg actccgattt cgacgccaag 240
 gtgttccgta agaacttgac gagaagcgat aattacaatc gtaaagggtt cggtcataag 300
 gaggagacac tcaagctcat gaatcgagag tacaccagtg atatattgga agacactgaa 360
 aacanatggg tataacttatt cttgggggan atgttactgt gaaactcgct aaagcatatg 420
 gtttttctg nggtgttgaa cgttgctgtt caaaattgca ta 462

<210> 6229
 <211> 498

<212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E2

 <400> 6229

 aactgttttc ctgggcncn acgggtccgg aaaatcccgg gtcgaccac gcgtccgaat 60
 aatcgaaacc cagcacgaga aaaatgcatg atttttgctt cactatcccg tacgggatgc 120
 ttctcatcgg cggaggattt atcgggtaca tgaagaaagg aagtataaca tctttcgccg 180
 gaggtgcagg cactggatta ttactcattc tcgctggta tatcagtctc aaagcttttg 240
 agaagaagaa gaattccact attgctatgg ttcttcagac agtcacgca gctgctctca 300
 cactagtcac gggacagcgt tacttgctga ctggaaagat tatgccggct ggtttggttg 360
 ctgggatcag tgctctcatg acctgttttt acgtatacaa gatcgctact ggtggcaata 420
 aatttccagc aaaagctgaa tgatggttct gctacatgca gatganacta acccggtgtt 480
 gaatttgtcn ataaaatt 498

<210> 6230
 <211> 446
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E6

 <400> 6230

 acgcgtccgn aagggtgnat caggaantan tgtantctcg cacanaagaa ncatnganct 60
 tggtnaaagt nagaaagaca ggggctanct gaacctgcat cttccccgac ggttcanaag 120
 acctctgttt ccggagagga tttccagctc gcgcgcgca aattgggcgt gattttcgtg 180
 atctcttcgc ttctgtgttc gctttatctt taccttctct gttccacta caatgttgac 240
 aatgagctca agcgtccgat cctcattaac gctgggctta gcttggttg attctttgtc 300
 acactcaagt tgattcctgt agctgctaga tacgttctga ggcgtaatat gtttggtttt 360
 gatatacaaa aaagangcac tcctcaagga naagttagag tgcctganc t attgggaatt 420
 gttgtcgtat tgtcctctctg ataattg 446

<210> 6231
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F1

 <400> 6231

 tttttttttt tttggagtta gaatgctatg aattccanac cagacaagat tcanatanaa 60
 canagactaa aaaggctggt caaacagtaa taattcttgc acatgaacac taaaccagaa 120
 cgataacagg aaacaaagat acagtcagta ctcagtagtt tgagggcacc tacggaaagc 180
 aagtaatact acagagggta gacgttccag tgcttaatga tgaaacatca tcagtacaag 240
 caaacgtggt tttcatcata caccgtatca ctttcacaag tggctgcagt cantccgcag 300
 cataaggaga ttgacttcga ngaagccagc atncactttg cccaananga ncaagggcta 360
 tcatgaagat gggganctcc tcattgctaa cgcctttcaa ggagacatct cctnagaagg 420
 agaaggcctt t 431

<210> 6232
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F12

 <400> 6232

 acgcgtccgc aanatttacg gtttcagaga tcggctgatt ttcacatcca caagtatggc 60
 gactcaaadc agcaagaaga gaaagtttgt agcggatggt gtattctacg ctgaattgaa 120
 tgagggttctc acaagagagc tagcagagga tgggtactct ggtgttgagg ttaggggttac 180
 tccaatgagg actgagatta tcatcagagc tactcgtact cagaatgttc ttggtgagaa 240
 ggggangaga attanggaat tgacatctct tgtccagaan agattcaagt ttccagttga 300
 cagtgttgag ctctatgctg agaaaggtaa caacanaagt ctctgttcca ttgctcaagg 360
 ctgaatccnc tacgttacaa accttctcgg tgggtccctg ctgttcccaa gggcctgtta 420
 atggtgtttt tganaatttg gtaatgggan aattggagcc taaagggaaat ttaaggt 477

<210> 6233
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F2
 <400> 6233

acgcgtccgc cnacgcgtcc gcggacgcgt gggcggacgc gtgggcaccg cacctattga 60
 tccaatgcc aaagaggtaa cgaagcgcgt ggactcaaac gagaaacatt ggtcgggatg 120
 gaactggaga acggaagggtg acgttatggt taacggagct tttttcgtgc cgtcagggtga 180
 cggagtgagc ccagcgtatg ccagagccac cagtgttcag cctaaagccg ccgcgatcat 240
 tgaccagctc acggtcaatg cggcgtttt cggcgatcca agtgggagaa acggccaagg 300
 aggaagcttt cccggaatta cgaacggtgg tgggacatca cgcgcggtta cagtaaaagt 360
 ggacctgccg gcggtggcag cggcagtgac agttgatgat gggcttttca cattgataat 420
 ccgtaacaa tagccggtgc cgggtggtct aaaggcc 457

<210> 6234
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F5
 <400> 6234

aactttctcc gcgtcgtacc ggtcaaaaat tcccgggtcg acccagcgt ccgaatcccc 60
 tgaaagctta taggctccgt tgaacagtta taacttgtga aagttgaatc cttttaaacc 120
 gacagaggaa gatctcagat ggcaaacaag ataagtgaaa ctgcttcaa gatggacgat 180
 tatgaggtcg tggaacagat cggacgangc gcttttggtt ctgcttttct tgtaattcac 240
 aagtccgaga gacgaaagta tgtgggttaag aagattcgtt tggctaaaca aacagagaga 300
 tgcaagcttg ctgcaatcca agagatgagt ttgatataaa agcttaagag tccttatant 360
 gtggagtaca aagattcttg ggttgaaaag gatttgtgat gcattgtaac tagttattgt 420
 gaggggtggag acatgactca natgataaag aaatcaagaa ggantattcg cgtccgaaga 480
 aaaaccctgt an 492

agaagaatta ctgtctaaac

500

<210> 6237
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E2-G2

<400> 6237

acgcgtccgt gatcaattgt catccgaatg tctacgagac agattaatat ctgatgaacg 60
atatagtatg gcggtgtata tgtgcaagaa atgcaagatt gatgttttcc ccgtgtggaa 120
agcatgggggt cttgctttgt tacggatgga gcgctatgct caagctcgag tcaaattcaa 180
gcaagccttt caattaaagg gggaagacat tcctgatgtc attcangaga taataaatac 240
aatagaagga ggtccgcctg tggatgtgtc aattgtacgt tccatgtatg accatttggc 300
gaaaagcgca cctacaattt tggacgattc tttatcagca gactcatacc taaatgttct 360
gcatatgcc a tccactttcc ctcgttcaaa agangtcncg ganatntctg ggaatccgga 420
aaaagaatag ttctgtacc tgggtcagac tttg 454

<210> 6238
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E2-G5

<400> 6238

acgcgtccga anngtgactg tgatcangtg aaggagctgc ttgaagatgc tgaaacaagt 60
agagtcattc agtttttgat gggtttaa at gatgacttta atactatcat gagtcagatt 120
cttaacatga agcctagacc tggactgaat gaantttaca acatgcttga tcaagatgag 180
agtcancgat tggttggaca tgcttcgana cctactccct ctccggctgc ttttcagact 240
caaggtttgc ttactgaaca gaatccaata ttgatggctc atggaaaactt caagaaaccc 300
actgtactca ctgcaatccg tattggtcac actgttgaca agtgttacia agttcaatgg 360
nnaccctccg ggaaaatcaa agggcaaata aanaaaagtt ccttgtgtac gganttncaa 420

aatccnaaca gcctccaa

438

<210> 6239

<211> 477

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-B9

<400> 6239

accgggtcga cccacgcgtc cgattttctg tttgcataca cttgtatata tttatattaa 60
cagtccaaaa ttcttcgaaa ttgtcccgag ctttgagcat ataaaaaatg tcttcgataa 120
tccatggagc tggagctgct acgacgacgt tatcgacgtt taattccgtc gattccaaga 180
aactcttcgt tgctccttct cgcacaaatc tttcagtgag gagccagaga tatatagtgg 240
ctggatctga tgcgagtaag aagagctttg gttctggact tagagtctgt cactctcaga 300
aattgattcc aaatgctggt gcgacnaagg aggcggtac gtctgcgagc actgggacat 360
gaactattgc ttttcgaagg ctcttcaaga angtctggaa caagagatgg acaagagatt 420
cacatgtaag ttgttatggg tgaaagatgt tggncattac ggangttcct acaaagg 477

<210> 6240

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-009-Q1-E1-F5

<400> 6240

acgcgtccga atccccctgaa agcttatagg ctccgttgaa cagttataac ttgtgaaagt 60
tgaatccttt taaaccgaca gaggaagatc tcagatggca aacaagataa gtgaaactgc 120
ttccaagatg gacgattatg aggtcgtgga acagatcgga cgaggcgctt ttggttctgc 180
ttttcttgta attcacaagt ccgagagacg aaagtatgtg gttaagaaga ttcgtttggc 240
taaacaaaca gagagatgca agcttgctgc aatccaagag atgagtttga tatcaaagct 300
taagagtcct tatattgtgg agtaciaaga ttcttgggtt gaaaaggatt gtgtatgcat 360
tgtaactagt tattgtgagg gtggagacat gactcaaagc ataaagaaat caagaggagt 420

attcgcgtcc gaagaaa

437

<210> 6241
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E1-F6

<400> 6241

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aaaacccatt ttctaaaacc cttttctacc tccatcgatg gctctgtagc cgagcttccc 120
cgtcttgatg atcaacaacg tctctctgat tcttctctgc ataatacctc ttctgggttt 180
tgggctgcag atcatcattt cttcctatca tggcttgaa aaatgcaagc tttgtatgaa 240
cccatttgga aaaaagctgg aatttttgaa gcaatcaagg catccactta caaaatcata 300
aaagacacgt cctcgattct ctccattgcc gagaaatggt gttctgaaac caaatctttc 360
atctttccat ggggtgaagc aacaattacg ttanaggatg tgatggtgct tctaaggttc 420
nctgttttgg gttccc 436

<210> 6242
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E1-F7

<400> 6242

acgcgtccgc ttttctcttt tgtctcccct aaatttagtt tctcctttta agtcagattc 60
cttcctaate ccattctttc agtcttctct ttgcaccttc tgagttcaac aactgtgtta 120
tctctatgaa cagttccttt gatgaagaan acaaagtga agttgctgtc ttataacca 180
ggatttggtg agtcccattg tntcagtggg caattcttgc cgtggatctt tcaaggacaa 240
acncgangaa ggcgataaca atgagcctga agattactct aaaaccncta ccaccaactt 300
gtcgncta atccgaccatt cancgaacgn tgcagacatc antgctcaag natctccaaa 360
gacagcaaca ggaacaacaa caggaaagat cgaggctntg tg 402

<210> 6243
 <211> 395
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-F8

 <400> 6243

acgcgtccga aaaataaaat aaagaaaagg aacagtttat tttcaaaaat taaaaactgt 60
 tcttattctc cacatccaca tgatctctac aatctccaaa cactgttttc tttcacacct 120
 tacacaaaaa aaaaactggt ctttttaaata attaaaaact gtttctttgt ttttttatta 180
 ttattttgta atattgatac aaattttttg tttttataac actaatgcat atgtttgata 240
 ttctcaaaat attttaatat attttataaa ttaatattta attaactctg cataacagtg 300
 gcataattct agtatatata taattaaaga ggtttaagaa ataaggaaaa tttacgtact 360
 catcanatta ttttactaca gacaaaattt tgcca 395

<210> 6244
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G2

 <400> 6244

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 gtcacccgaa tgtctacgag acagattaat atctgatgaa cgatatagta tggcgggtgta 120
 tatgtgcaag aaatgcaaga ttgatgtttt ccccggtggtg aaagcatggg gtcttgcttt 180
 gttacggatg gagegctatg ctcaagctcg agtcaaattc aagcaagcct ttcaattaa 240
 gggggaagac attcctgatg tcattcagga gataataaat acaatagaag gaggtccgcc 300
 tgtggatgtg tcaattgtac gttccatgta tgaccatttg gcgaaaagcg cacctacaat 360
 tttggacgat tctttatcag cagactcata cctaaatggt ctgcatatgc catccacttt 420
 ccctcgttca gagaagtccc ggagatcctg gaatcggaag agaataattc tgtacctggt 480

<210> 6245

<211> 439
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G5

 <400> 6245

 acgcgtccga agtgtgactg tgatcaagtg aaggagctgc ttgaagatgc tgaacaagt 60
 agagtcattc agtttttgat gggtttaaat gatgacttta atactatcat gagtcagatt 120
 cttaacatga agcctagacc tggactgaat gaaatttaca acatgcttga tcaagatgag 180
 agtcagcgat tggttggaca tgcttcgaaa cctactccct ctccggctgc ttttcagact 240
 caaggtttgc ttactgaaca gaatccaata ttgatggctc agggaaactt caagaaaccc 300
 aaatgtactc actgcaatcg tattgggtcac actgttgaca agtgttaca agttcatggc 360
 tatcctccgg gacatccaan ggcaaatcaa cagagttctt gtgtaggcag tacaaatcta 420
 acaaggcatc cgatnagtc 439

<210> 6246
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G8

 <400> 6246

 acgcgtccga tcccaccaa gaagaaactg gaggagtacc ggagattgct gagtcttttg 60
 gtaatatgga agtgactgat gagtctcttg atcagaagcc aggacaattt gaaagagact 120
 tgtcgacgag aagcaaagaa ttcaaagagt ttgatcagga ctttgactct gttctcggta 180
 aggattcgcc ggcgaaattt ccaggtgaat caggagttgt tttcccgggtg ggctttgggtg 240
 acgagtcagg agctgagctg gaaaaagatt ttccgacgag aagtcatgat tttgatatga 300
 agactgaaac tggaatggac acgaattctc catcaagaag ccatgaattt gatctgaaga 360
 ctgaatctgg aaacgacaag anttctcccg atgggctttg ggtagtgaat caaganctga 420
 nctgggaaaa agaatttgtc 440

<210> 6247

<211> 446
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H1

<400> 6247

acgcgtccgc ccacgcgtcc gagtgcggtgc acggtgcacc acgaatccac gatccagtga 60
 gcagcagcaa ctccatctcc ggagctctag attcagataa gaacaatggc gattccgatg 120
 cctactcgcc agctattcat cgacggcgaa tggagagaa ccatcttgaa gaagcgaatc 180
 ccgatcggtta atccagctac tgaagagggtc attgggtgat attccctgca gctacaacgg 240
 aggacgtgga tggtgctgtc aacgctgctc gaaagagcat tatcaaggaa taaanggaaa 300
 agatttgggc caaaagcacc tggagctggt tcgtgctaaa gtattacgtt ctattgctgc 360
 caaaggtaaa tgaaagaaaa gacggatntg gaaaactcna ngcgcttgan tgtggtaaac 420
 catttggtga aacantatgg gatatg 446

<210> 6248
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H3

<400> 6248

acgcgtccgc ggacgcgtgg gcgacgcgt gggttcgtct ttttcaactt ccagagagag 60
 aacgtagcaa aacagggctt accggagcag aacggaaaaa cccatttcga agctggagat 120
 gatcgtgcta aggagtacgt cagtctcttg aaatcgaacg atccaattgg attcaacatt 180
 gttgatgttc ttgcttgggg ttctattgga cacatcggtt cttactacat cttggctact 240
 tccagcaatg gatacgaccc aagcttcttt ggatgattcg tttcannnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnncctctg 360
 tttcttccctt cngttgttgt tggttggtgt ccaaaganct tgtccctcc ttttgcaaaa 420
 tgttttaatt ccccattn aa 442

<210> 6249

<211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H5

<400> 6249
 acgcgtcngc ccacgcgtcc gggctacttc cttcttccgg cgactcgcta ggtcagctcc 60
 gattacattc cctgtcgcat ttggatctca aagcaaatct ggntctggcg ctttccgggtt 120
 ctccaccggt gcaatcncgg cactttccgg tggattctcc tattactact tgacatccgg 180
 caacaatctg gtttatctgg atcaagctaa ggaagagaca ggaccaaaaa ccgctctaaa 240
 ccctgataaa tggctcgagt tcaagcttca agacactgct angagttagc cacaacactc 300
 agttgttcaa gttctcattt gaccctcaa ctgagttggg tctaaatgtt ggcttcttgt 360
 cncctgaaca aangggctcc cttaaggcta naaanggctg gaaagggaaa aacgaana 418

<210> 6250
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-A11

<400> 6250
 cgggtcgacc cagcgcgtccg ccacacaacgt ccgggggnatt ccnctcttnn gtgatntcan 60
 agntctgttc cgacatcant ggctttttta gcgttgattg gtcngctcta ctccgaaatc 120
 gtctgacttt cacagcagcg atgttcggct cttacgtccc gttttaatcg ggctctcggt 180
 cggcacctcc agcttttttca gtgaagatga ccgactcttt tcccgacagc atacggctcc 240
 atcagcgggtg ttggctggat tttagtttta ctttgccat agatgagtta ctctcacctt 300
 ttggtctttg ttttcccttc annaanttca gcaattatgt gttgggtgat aacganttaa 360
 gtgctangtt gcctaaactg ttgattntcc gactcatgtt gtttgaagct gggtttacag 420
 gaattaataa tnatatttgc agnttaaaaa ttgaagagna agaagaagat 470

<210> 6251
 <211> 478
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-B5

<400> 6253

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gttttctgcg ttgcattggc ttgtgttata ggcattgctg tttgctgctg cttgccttgc 120
atcattgcag ttctatacgc cgtagcagaa caggaaggag cttcgaaaga agacattgac 180
caacttacta aattcaaatt ccgaaagggt ggtgatacta tgaaacacac tgttgatgaa 240
gaacaaggac aaggagattc tggaggagtg atgactgaat gtggtacaga ttcacccggt 300
gaacatgctc ttctcatga ggatgcagaa tgctgcattt gtctttccgc ttatgaagac 360
gagacagagc taagagaact tccttggtgc caccatttcc attgcngttg tgtggataan 420
tggctttaca taaatgcact tgtccc 446
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<210> 6254

<211> 439

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E1-F2

<400> 6254

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tcccaatgcc aaagaggtaa cgaagcgcgt ggactcaaac gagaaacatt ggtcgggatg 120
gaactggaga acggaagggt acgttatggt taacggagct tttttcgtgc cgtcagggtga 180
cggagtgagc ccagcgtatg ccagagccac cagtgttcag cctaaagccg ccgcgatcat 240
tgaccagctc acggtcaatg ccggcggtttt cggcgatcca agtgggagaa acggccaagg 300
aggaagcttt cccggaatta cgaacggtgg tgggaccatc acgcgcggtt acagtaaaag 360
tggacctgcc ggcggtggca ncggcagtga cagtgatgat gggcttttca cattgatatt 420
cggtacaat aacggtgcg 439
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<210> 6255

<211> 447

<212> DNA

601130-43333333

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D11

<400> 6255

acgcgtccga ggatatctag ggctaattgtt gcttcttgat gagagacaag aagtgttgat 60
gcttgtcaca aattcgttaa aacaagatct taatcactcg aaccagtatg ttgtaggact 120
tgctctctgt gctttaggga atatttggtc agcagaaatg gcccgatgatc ttgcgccaga 180
agtagaaaga ttaatccagt ttcgtgaccc taatatccga aagaaggcgg cgctttgctc 240
tactagaata ataaggaaag ttccagatct agcagaaaac ttcgtaaagt ctgctgcttc 300
cttgcttaaa gaaaagcatc atgggggtcc tataacanga gttcaacttt gttatgaatt 360
atgcacgatt aatgatgaag ccctagagta cttcaagaac gaaatgcaca gaaggactgg 420
ataaaaaact ttganggata ttactaa 447

<210> 6256

<211> 479

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D3

<400> 6256

ngtnccggtc caagaattca cgggtcgacc cacgcgtccg gttgttcct tatataaaga 60
aactcttcct ttcataccaa aaaaaaaaaa aaaatccatt ttcatttctc ctcttaaaaa 120
accgccatga cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna 180
agctacgacg gtggcttcat cggagccgcc gatgcagaac atgacctcag agccactgat 240
ctccataatc atcgccatcg tcgccaccgt aaccaccatc gcggagaaga gtttgagtac 300
tcagccatat catgtagagc ttactcagcc tcattggacg agtttggcgc cgtaggagac 360
ggtgtaactt caaatacagc ggcgtttcgc gacgcggtgt cacaacttaa ccggtttcgca 420
gactaagggt gctcaatggt aattgggtccc gcccgacng gtgggctcaa ccggaaact 479

<210> 6257

<211> 447

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D4

<400> 6257

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ctttcgaata tatcttagat aacagagaca catactctta agtttggtga agaataagaa 120
gacaatgacg aaggaagtgg ttggtgataa gagatctttc tccgggaaag actatcaaga 180
cccaccacct gaacctctat tgcacgctac tgagcttggg aagtgggtctt tctacagagc 240
tctcatcgct gagttcatag ccactctcct tttcctctat gtcactatta tgactgtcat 300
cggttacaag agccagaccg ntccagccct gaatcctgac aantgtanag gcnttgggcg 360
tccttggtan cncatggggc tttgggggca tgattttcan cctcgtcnan ngcaccnccg 420
gatctcnggn gggaatatta acccggg 447
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<210> 6258

<211> 440

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-D5

<400> 6258

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acgcgtccgc ccacgcgtcc ggactactct catcattgct catcgctttt ctaccattcg 60
aaaagctgac cttgttgctg tgctacagca aggaagtgtc tctgagattg gaacgcatga 120
tgagcttttt tccaaggag aaaatggagt ctatgctaag ctaattaaaa tgcaagaagc 180
agctcacgaa accgccatga gcaatgcaag aaagagtagc gcaagaccgt cgagtgttag 240
aaactcgggt agctcgccaa taatgactcg gaattcgtcg tatggaagat caccttattc 300
acggagacta tccgatttct caacttctga ttttagcctc tccattgacg cttcgtccta 360
ccaaaactat agaaacgaag aactggcctt caaggatcaa gccaatcat tctggcgact 420
agctaaaatg aatctccaga 440
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<210> 6259

<211> 440

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-E8

<400> 6261

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tctcattccg tctacaagag cttgcgtgaa tccattaaag ctctcaaagc ttgtgagtca 120
gtctctcctt tagccggatc gcttggtata acggaacagt gcatcgactc tatagtctcc 180
agagcttcct cagctgatcc ttcactcttc ggttggccag taaacgatgg cggcggaaga 240
ggaaacatct ccgccaccga tctgcaactt ataccggcg gcgcggcgaa atctcgaaag 300
aaaccgagta gagattcgaa catggagctg tggtttgaag atctgacgca actgagtctt 360
ccgatcttca aaactgtgat cctatcaatg agatcaggag atctgagctc cgatatcata 420
gagagctggt tgatttggtta cgc 443

<210> 6262
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-F11

<400> 6262

ngccccgtcc aagaataacc gggtcgaccc acgcgtccgg ctttaatcat gcagcggcga 60
ctattgggaa caaaatgata gtagttggtg gagagtctgg tagtggcttg ttggatgatg 120
tacagggtgct taactttgat tcatgtacat ggtccaccgc atcttcaaaa gtttacttat 180
cgccgagtag tcttctcttc atgatccctg cttggaaagg ccattgcttg gtctcttggg 240
gtaaaaaagt gctgttggtg ggtggaaaaa cagatcctag cagtgataga gtttcagtgt 300
gggcatttga tactgattcg gaatgctggt cactaatgga tgcaaaaagga gacttaccgg 360
tcagtcgcag cggtcacaca gtggtgaagg ctaattcggg attgatacta ttcgggtggtg 420
aagactctaa gaagangaaa ctaaacgatc tcanatgttt gatctcaaat 470

<210> 6263
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-G1

<400> 6265

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tcttccactg tcaattctag cacttttatt cccaatttc tattgccttt aggctgtagc 180
tgctccatct caatttctgg gttttgcacg agaaccctta atccctcctt tttttttgt 240
ttctcgctga aactttcatg agctactcca cctggaacct atcactttct aacacggctc 300
caaaatattc cgaggtagct tcttcccaag tacttttttc aaatctatcc tgcaagatna 360
agtcacaaac actangactg tttctccaat gaacaacgaa agcctttcat ccngttaaga 420
tgaactccgc aagctcctaa atccggattc cttgaaacct caacacataa actccaaaag 480

<210> 6266

<211> 432

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-G10

<400> 6266

acgcgtccga tttagagcgt gtgagggaga taggaagaga gaaagtgagc gagagacgat 60
cacggccgcg ctgaaatcca cgaccacggc cgcgctgaaa tccacgacca cggccgctct 120
gaagaagaag actctctccg tctcctcctt tctcctcctc cgtctaagag acaaggcatc 180
cccagacgcc atgatctctc tcactccctc gttgtttctg aacaagacgg ttgttctctg 240
atgttccaca cgctctctc tgcgccagcc tagaactata attactctc ctgcttcctt 300
gagagtcttt tctctctctg gatctaacca ggatcccacc ggcagcggtt tgattgagac 360
cactgccact tcatectcct ctctcgagac ctccgccgcc gacattgttc ccaaatccaa 420
cgtatctggt gg 432

<210> 6267

<211> 441

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-G11

<400> 6269

acgcgtccgg gctaagggtgc ttacagttt catgaccggg tttgtgagca agaatcctag 60
gagttcttac ttcaattacc gggatgtcga tatcggtgtg aatgatcatg gggcgaatag 120
ttacaaggaa ggagaggtgt atggaaggaa gtatttcgga gagaatttcg atcgattagt 180
gaagattaaa accgcggttg atccccggaa tttcttcagg aatgaacaga gtatacctac 240
cttgaaaagt aaggcataat tgatatatga tcattttaata taaagattgg cttcctataa 300
tgtaatgttt agtgaancac tatagaatat atggtttggg ataattgtan attgtatagt 360
ttccccngtt catggaactc tacaacaaac cncattgata agtgtaancc aaaattgggt 420
ttggtanaac ca 432

<210> 6270

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-A8

<400> 6270

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atcaacagcg ttctcagcaa cggtttggag acccatctta tggtcagttg caggcgtctc 120
ttgatgcgct taggctgcaa ccatcaaaag atatgtcaca agtcaatcag cagggtgcagg 180
ttctgtttc ccatgaggag cgaggcacatc acttagctga tttgctccca gtaacccatg 240
ccactaatca gactgttgct tctttcgaaa ccctctctg cacctgcaa acaactatct 300
gggtaatgtt gaccctagga tggttctgcc tgatcaaatt gatgataccc ataaaaaaga 360
gtcgaatcag aatatgaaag aacagtttct gcagactatg tgaacagctt gtactcagaa 420
aagccgtcct ttcctg 437

<210> 6271

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-B1

<400> 6271
aacttctacg cttgcccgtg cngtcaana aattcaaggg tgcaccacg cgtccgcgga 60
cgcgtgggccc tcaatnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnngac accaggggtcc caatgaccac gagaaagggg 180
cctccaagca ggttggaagg cgggagcgtg ctaaaccgga tccatcgaag caccaccaca 240
ggtctcatct tcctcattct aagaaaatcg agaccgaaga agagaggagg cttaggaaga 300
agagggagtt agagaaacaa aggcaagacg aaaaacatag acagcagatg aaaaattctc 360
acaagtctca gatgccc aan ggacacaccg angagaagaa accgacgcc ctactcanca 420
acgacagggg cgagaatagt taaagaaacc aaacaacttc atctgcaagc tcaagttccg 480
gatgagtcct ga 492

<210> 6272
<211> 461
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-B11

<400> 6272
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caagcttttt gtttcgtctc agtcgtcgtc atcatctctg acagatctaa gaacaagttt 120
cgagattgga tattgacgac aacgatatgg gacttgagg tagtgaaaca atggaatgca 180
agtgtggtat gcctctgtgt atctgtgtag ctctcccaa atcaactgat aaaccaaacc 240
cacctgctac cattgtctct gtggttcttc ctgagtgaa gtcagaggct tcagcaaaaa 300
gtaaagggtc cacttcagc agcaatgcta gatnagctct aaatgctgga ctagacaccc 360
cccaaagaga ctatgaagcc agtggggaag gattaaagag aagcgattaa gaatggtgac 420
aagtgtggt gcgaaaaaac ttctaaaaaa ggcgttagat g 461

<210> 6273
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-B12

<400> 6273

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cagttttcttg atccaaccaa aaccaatata caaagcttct caaactcctt cacctcaaag 120
cttcttcctt tacatctgaa tcgttgagtt aactcggatt tgttctgcat cctctgtttc 180
tgaatcgtgg gccatcctta ttttgtctcg aattcttcac caattgcttc gatcaagctg 240
cattgggttaa ccagttgccc taaagatcag atctttgagc aaaattttgt cactgatctt 300
ctaaatccaa accagacaca gcaaaacaac ctctgtagat gattcgagaa atctcaaact 360
tacaaaaaga tattataaac attcaagaca gttattcgaa caaccgagtc atggacgctg 420
gaagaaacaa ccggaaaaac atgagctttc gaagttcgcc gggagaaaag caagcaag 478

<210> 6274

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-B3

<400> 6274

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tgtgtttatg attcaagaag tgtctactga ggaacctcga gggtccgtgc tcagactcac 120
attcgcctgt aactcttttc tatcatggtc aactatgtca ggcgttcttg atagtgttc 180
gatttggtgc aagaagatac aaatctttga gaagaagggg ttgactctcg gggttgttct 240
tcttctggat caatctgggc aacatagttt gtttaaaacc cgggtagaaa acaccctcaa 300
ggttgcaacc aaaaagccaa aaccgacatc tgtaagctc ctttccgggc tttgtggctg 360
tcaagaacag aacggtggtg tangggaact tggangtgtt gaagaagagt ccattcagca 420
taataatang ctaaggatag aaaacttgaa taatacgatt caagatcaag gttcacttcg 480
agttctcaat tt 492

<210> 6275

<211> 502

<212> DNA

<213> Arabidopsis thaliana

6275 6276 6277

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-B4

<400> 6275

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atggcttctc tcctttagag cgcattcaatt cagactgttg tgtgtttccc ttacttgggc 120
ggagtcattg agctgggcgt cactgaattg atttcagaag accataacct gcttcgaaac 180
atcaaatctt gcttgatgga aatatctgca caccaagaca acgatgacga gaagaagatg 240
gagattaaga tcagtgaaga gaagcatcag cttccattag gtatttctga tgaagacttg 300
cattacaaaa gaaccatttc aacagtactc aactactccg cagatagatc aggttaagaac 360
gataagaaca ttcgatcatc tcagccaaat attgttactt ctgaacctgg ctcaagtttc 420
ttgcggtggg aagcaatgtg aagcagcaag tctcgggttt tgttcagaaa aaaaagtcac 480
aaaatgtgtt gccggaagat at 502

<210> 6276
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-B5

<400> 6276

acgcgtccgt ccgaattgaa tatttcggac ccgaaacctg acccgctttg atgggctgga 60
ttccgtgtcc gtgctgggga accaaccgac atgaaaacgc cggcgagggtg gcggatcgtg 120
atccggtgct tctagtatct ggaattggag gctctattct gcattctaag aagaagaatt 180
caaagtctga aattcgggtt tgggtccgaa tatttctagc taaccttgcc ttaagcaga 240
gcctctggtc tctctataat cccaaaactg gttatacaga gccgttggtat gataatattg 300
aagtattggt ccctgatgat gaccatggac tctatgcaat tgacattcta gatccctctt 360
ggtttgtaaa gctttgtcac ttgacggagg tttatcactt cacgatatga tagaaatgct 420
ggttggatgc gggtata 437

<210> 6277
<211> 442
<212> DNA

<211> 446
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-C11

 <400> 6279

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 agcatttgat cttcaaaactc ttgggttctt ctctgattga aaatgagctt atcatcgcca 120
 accagtgcct gtagctcgtc cagatgttac tcctcgggat tatcgtttcc gattggattt 180
 ggatcgaatc ccatcaatgt gggattgggt tgttacccaa aaagatacag tattgctgct 240
 cggaagttcg tagtggttg ctctctctcc tcttcgatn cacttttggg taaggctgca 300
 aaagggcaag ccataagtcg tcctccagct tggatgatga agcaagcang aaggtatatg 360
 gctgtttacc aaaagctcgc caagaaacat ccgtcttcan annagagatn agagaacact 420
 gatnctaata gtggaaaatc tccttg 446

<210> 6280
 <211> 434
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB23-007-Q1-E1-C12

 <400> 6280

 acgcgtccgc tctctggagc cgccacgtct cagtgatccg actacgacac ctttcttcac 60
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 agatcgcttt tagctctcgt ctttgaattt tacgggcaga aaatgggtga agaagctcga 180
 gcgttagata tggaggagat cagtgacaac acgacgagac gaaacgatgt cgttcatgac 240
 ttgatgggtg atttataccc gcttagcagc tactacttcg gttcaaaaga agctcttcgc 300
 gtcaaggacg agattatctc tgatcgagtc atcagattga aatccaatta tgctgctcat 360
 ggattgagaa cttgcgttga agctgttctt ctgggtgagt tgttcaagca tcctcatggt 420
 ttgcttcttc aata 434

<210> 6281
 <211> 495

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<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB23-007-Q1-E1-C2
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<400> 6281

6644630-4646666

<210> 6283
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-A4

<400> 6283

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tccgtgagaa tgctattgaa cttctcaaaa caattggggc tttaaagac gtggaagagc 120
ttacaccctc tggtcggcat ctttgcactc taccgtgga cccaaatatt ggaaagatgc 180
ttctgattgg agctatcttc cagtgcgtca atcctgcttt gacaatcgct gctgctctgg 240
cgtatcgtag ccattttgtc ttaccattaa ataggaaaga ggaagctgat gaagccaaac 300
gatattttgc tggtgattcc tgcagtgatc acattgctct tcttaaggca tatgagggat 360
atcgggatgc aaagcgtggt ggaaacgaaa aagatttttg ttggcaaac tttccttccc 420
ctgtaactcc aaaggatgat gggaggatat gagaaaaca tttccttgat ctccaacaan 480
atataagggt tg 492

<210> 6284
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-G7

<400> 6284

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ctcagcacca tcaatggacc gcccgagac gatcgccgtc aaatgcgaac ccatgaccgt 120
tgactctcct tctcgacctc taaagcttgt agtttttagct gaccttaatt tcaatcctcc 180
tgagactgat gatcttgact catccattcc aatccctact cctcctccca tcactagggt 240
gagtaacgag gaaagtcac aagagggagg tatattaaca tgcaaggagg tggaaccagg 300
agaagtagaa gccaaaaaga tcagcaagggt gggaaaatgc cgctccagaa gtaagattga 360
gtcttcctct gattgtggag ttgatgcaga tggatgctg gctaatacaag gggtccntgc 420

atccccgggaa gaaaaaatca gtaactcaaa atggggtttga ttcattgttgc aaa 473

<210> 6285
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-G8

<400> 6285

acgcgtccng ccccggtat cagatcgtct tctttatcgc tcctctaatt atattcatct 60
cgagagacga gagctaaaga actacttcca aaaaaatgcc gattgctgag cttgctgtaa 120
tcaaaacagt ggggtgggcct ctgatagcgg ctgctcttgg agttggagcc caagtcattt 180
acgacggcctt cagaaaagga aaagatacat ctatcataaa ccgtctcggc cgtacaatgg 240
aaagtatcag tccggtgcgg gatcgaatcg gtaagctcag taatgtggaa ggtaaaccat 300
ttaggggaagt ccacgaaagt cttacgcgtc tccttgaaga tgcgaaatct attattgaga 360
aatattggaa actcaagatt ggagcaagac acgtttgcag gaagtacaag tttgtatatt 420
ttacatgaaa attnaa 436

<210> 6286
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H1

<400> 6286

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tttgggcctt cttatanaaa gaagaactca anagcacaga gagaagatga gcgaagaaca 120
accacacgcc aatctagcgg tccccgcgtt taaaactgag aaagagccca taacgcaaac 180
acgaaatggg caaagtagcg tttggcggtt cgggtggaagt gataaggcag cgaaagcatc 240
caccgtaacg cttagagggtg tcattctacat gctcttcgac aactgcggca aagacgtcaa 300
taagaccatt ttaccctcgc gccacgggtga cccttcgcgc tacccttgc ttcggtacct 360
gtatcgaagc tgaagacgcc gtcgtcgacg tccttcgctc cggcaaaggc aattcttact 420

gtccccgggag ctgggaatct ccccgcaaga cn

452

<210> 6287
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H11

<400> 6287

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ccgcggacgc gtgggcgaac tcaaagctat ctctctcct ctatctctga ggcacgcatt 120
ttcgtctgtg attctcgagc tcttttgggg tttctccgag atttttggtc ggttcttcac 180
gttttgttta tggcgggtgat tacgtgatga aagtcaccgg aaagccgtat tcgacggcga 240
cattaccggc ctttgagtcg gataagaatc tcttctctca cgggccanac ctcagagcta 300
ttcaaagagc tactactgtc actaaacgtc gagctaggaa cccgagtttg actcgtcagc 360
gaagatccgg tccttctggt ggcagacgaa accggccgga gactccttta ttgaaatggg 420
aaagtggagg atcggatana gaagagaaac cgggttgtat naaacgataa ttggaa 476

<210> 6288
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H2

<400> 6288

cccggccggt caaaaataac gggncgaccc acgcgtcnc ccacncgtcc gcttggtggc 60
ctaattggaa tgaagagtgg tggcctcagc ttggtttacc aaatgagcaa ggctcctc 120
cttataagaa gcctcatgat ttgaagaaag cttggaaagt cgggtgttta actgcggtga 180
tcaagcatat gtcgccggat attgcgaaga tccgtaagct tgtgaggcaa tcaatgcttg 240
caggataaga tgacggcgaa agagagtgtc acttggcttg ccattattaa ccaagaagag 300
gttgtggctc gggagcttta tcccagtcga tgccctcctc tttcttcttc ttcatcatta 360
ggaagcgggt cgcttctcat taatgattgt agcgagtatg acgttgaagg tttcgagaaa 420

ggaacaacat ggtttccatg tggaaaancc gga

453

<210> 6289

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-006-Q1-E1-H5

<400> 6289

acgcgtccnt tcagcttctg agtcttctcc tctctctcta tctctcaagt gggctttgct 60

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ctttgagtct tttttcagat tcgagggctg gttttatata tgcttcaaat ctcttaccca 180

aatcaggtat ggagactctg catccattct ctcacctacc tatctctgac caccgggtcg 240

ttgttcaaga gatggtgagc ttacacagct cgagtagcgg tagctggact aaagaagaga 300

acaagatggt cgaacgagct cttgcgatat acgctgaaga ctgcctgat cgctggttta 360

aagttgcttc catgatecct gggaaagact gtttttgatg ttatgaagca atatagtaag 420

cttgaagaag acgtttt 437

<210> 6290

<211> 410

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-006-Q1-E1-H6

<400> 6290

tttttttttt tttggagtta gaatgctntg aattccaanc cagagaagat tcanntaaaa 60

canagactaa aaaggctggt caaacagtaa taattcttgc acatgaacac taaaccagna 120

cgataacagg aaacaaagat acagtcagta ctcagtantt tgagggcacc tacggaaaagc 180

aagtaanacn acagagggtn gacgttccan tgcttaatga tgaaacatca tcagtacaag 240

canacgtggt tttcatcata caccgtatca ctttcacaag tggctgcant cattccgcag 300

catnangaga ttgacntcga naagcagcat caactttgcy cagaggagca ttggctacca 360

ggagatgggg acctctcatt gctacgcctt tcaagagaca tctccttang 410

<210> 6291
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-006-Q1-E1-H9

 <400> 6291

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 tatctctcct tgatcctctg ttttttatcc tgagggttggt tttcggagaa ggaatcacct 120
 aaaccctttc aaatctcttc ttctaccaa tatatttttt tggatgaaaa aaacttctac 180
 caaattctca gattttatatt ccttgagggt tttgtgtttt ttttgcattg tctagttgat 240
 ttctgaaatt taagtatatc ttgtttacga taatatagaa aaaaattatt ggtgtttttg 300
 tgtgtttata atttatcttg ggtcaatgat aatagtggac gacgagtcgg tgtcttaggg 360
 tttacttttt gtaaagaaaa ttttcttggt gaattattgg ctttttgtga attcgatttt 420
 cncctaatta a 431

<210> 6292
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A1

 <400> 6292

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 ctgcttcttc gtcgtcaat ctcaagctcc gttccgtagg ttcttcgctg gagagacggg 180
 gtggagagaa tctgctgca agtggttagt gtttgatact tgagtcattt tgtcacagca 240
 acatgaatat gccgctgttg gatattcaac cacgaacgtt gcagtttgca gttgacctga 300
 agaagcaaac ttctgcgtg gtacagctaa ccaatactac ccatcattat gttgcattta 360
 aggttaaaac cacatcacca aagaagtact gtgttcgtcc aaatgttggt gttgttgcan 420
 ctaaataaac ctgtgaantc actggtcant aagcaaagct ttaaagaaac anctccagat 480

a

481

<210> 6293
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A10

<400> 6293

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 acaatggctt tgcctttgtc tggcacgcgc cacctcacgc gcgtctctct ctctaattgtc 120
 actcttatgg ctctctctcg gattccttcc tctgttcact acggtggatc tcggttaggt 180
 tgttcgacct gggtcttctc aattcgatgt ggagctaacc ggtcagggtc tacttactcg 240
 ccgcttaact ctggctctaa ctttagtgat cggcctccga cggagatggc tcctttgttt 300
 ccgggatgcg attatgaaca ctggcttatt gttatggata aacctggcgg ggaaggcgcg 360
 actaagcagc agatgattga ttgttacatt caaacctag cgaaagtcgt tggaaatgag 420
 gaagaagcga aagaaaccaa tctacaatgt ttcaatgtga agaaggtatt taagggttgg 480

<210> 6294
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A11

<400> 6294

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 gagccgccac gtctcagtga tccgactacg acacctttct tcactcttct tcttgctct 120
 tctctgctct cgtggctctct ctgttattta attttaatcg attgagatcg cttttagctc 180
 tcgtctttga attttacggg cagaaaatgg gtgaagaagc tcgagcgta gatatggagg 240
 agatcagtga caacacgacg agacgaaacg atgtcgttca tgacttgatg gttgatttat 300
 acccgcttag cagctactac ttcggttcaa aagaagctct tcgctcaag gacgagatta 360
 tctctgatcg agtcatcaga ttgaaatcca attatgctgc tcatggattg agaacttgcg 420

ttgaagctgt tcttctgggt gagttgttca agcatcctca agttttgctt cntcaatata 480
gaaactc 487

<210> 6295
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-A12

<400> 6295

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tcttttgtcg gttttaaatt catttcattt tattanaaat tcgctaccgt tttttttctg 180
tcaccggagc tccttcttcc agatcgtgct tgatgtcccg gatatgattt tttagttcca 240
aatcttgaat cttttgattg gataagaaat gaggaagctt agtattaaga gactccttga 300
aatctttctt tgagcctcat cttcatcctg ataatggtga atcactcana ggaacanana 360
ctgaanttga tgagaaagtg aaaganaatc ttggggaatt gttgaga 407

<210> 6296
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-A3

<400> 6296

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tgtgatgagc tcgattatta aaaatatggg tagcacgctt ggtgcatgtg gtgatctgaa 120
cagaaaatgtt cttgctcctg ctgcacctta tgtgaagaaa gactatctct ttgcacaaga 180
aactgctgac aacattgcgg ctcttctttc tctcaatca gggttctatt atgatatgtg 240
ggttgatgga gagcagttca tgactgctga acctccagag gtagtgaagg ctcgaaatga 300
taactcccat ggaactaact ttgtcgactc tctgagccc atctatggca cccagttctt 360
gcctagaaag ttcaaggctg ctgtaactgt tctacagat aattccgctg aactcctcac 420

tcgatcgtgc cactcttgac tctgaagaca ccaacgcctc catgcttccg ttgcccactg 360
aggataaaact gatgcagtc a gcatgatga gcgttcttga tagtgtctcc tatgctatcg 420
atttgtttgc ctgcgagata gcctataagt ctctgacggg atntgattca cacnaaatca 480
caatgtcgtg t 491

<210> 6299
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-D12

<400> 6299

acgcgtcnan gttgacttga ggaaaagggt cttcatgagc ttcattctct ctataataaa 60
caaccatttc tatagagaat ccaccccatg gttttaaacc gaaccgggga agactgtacc 120
gttaatatta atatgaaatt gatttctgnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nng 193

<210> 6300
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-D9

<400> 6300

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atctccggaa acttaattct ctctctgtct ctctaaccat aatctttgtc tctcttacca 120
tagccaccaa cttaccttct tttgaagtga aatatcccaa caacaaccct tttgggatgt 180
tactacggcc gacaccgatc aagaaccaat cttgggtct accgggtcat gtcgggtcag 240
atgagtgtcg ggtttgacc aaagcatgtt ctgatgagat tcttaggctg acttatcagc 300
cgataacgt tgcgtggctt aaacgcgtta ggaggacgat ccatgagaac ccggagctag 360
cgtttgagga gtatgagact agtaggctta ttaggtcgga gctggaccgt angggtanca 420
tgtatagata tccgttagcn anaacgggta tccgggcttg gatcggatnc ggtggacc 478

ggatcaattg g

491

<210> 6303
<211> 459
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E4

<400> 6303

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gaagtgaaca gtcagcatcg ttttgcttgc ttgtgcgttt ctctcgaact ctctccatgg 120
ctgttgcgct ccaattcagc cgattatgcg ttcgaccgga tactttcgtg cgggagaatc 180
atctctctgg atccggatct ctccgccgcc ggaaagcttt atcagtccgg tgctcgtctg 240
gcgatgagaa cgctccttcg ccatcggtgg tgatggactc cgatttcgac gccaaagggtgt 300
tccgtaagaa cttgacgaga agcgataatt acaatcgtaa agggttcggg cataaggagg 360
agacactcaa gtcctgaat cgagagtaca ccagtgatat attggagaca ctgaaacaat 420
tggttaaact taatcctggg ggaaaatntt acgtgaaaa 459

<210> 6304
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E7

<400> 6304

aanagtacag aagccccggc cgaccacnn gtcaagaaga atttggaatt gtcaagggga 60
caatnacanc cacacactcc tacaccggag accaaaggct tctanatgca tcacacangg 120
acctaaggcg tgcaanagcc gcagcactga acatagtgcc taccagcaca ggagcagcca 180
aggcgggtgc attagtgttg ccgcagctga agggtaaact taacggcatt gcactccgtg 240
tgccaacacc aaacgtctca gtggttgacc ttgttataaa cgttgagaag aanngtttga 300
cancagagga tgtgaacgag gcctttanaa aagccgctaa tggaccgatg aaangcattt 360
tacacgtttg cnatgcgcct cttgtctctg ttgacttnag gtgctctgat gtctctacca 420

ccattgactc gtcctcacta ngggttatggg

450

<210> 6305
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E8

<400> 6305

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gctattactt gagaactctt ctgattaaac atagcaacaa caacaactct tcttctcctc 120
tctttctcac ttcaatttag cgatggctgc aactgcaatc tcttctcttt ccttcccagc 180
tttgggtcaa tcggacaaga tctccaattt cgcactctct cgtcctctcg cctccgcaat 240
tcgcatctgc acaaagtttt ctgcctttc tttgaattcg cgttccactt cgaaatctct 300
tattcactgc atgtccaatg ttaccgccga tgtgcctcct gtatcagaga caaagtcgaa 360
attcctaaaa gcttacaagc gaccatccc gagtatctac aacacggttt tgcaggagct 420
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<210> 6306
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E9

<400> 6306

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tttctaactt tgattctcta acaggtgttt tctttggaga tcttgagttt ggacctcaga 180
atcaaagata tataaagatg aatgaggaag aagataaaga tcaagatcga gtaacgagag 240
gatgtagtca cactcatagc tgtaaccctc caggcccaga ggatgcttct cactcccaca 300
catgcttcca cgctcacact catctcatca tctctgatca gcaagagaat gatcattctg 360
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agaagaaggc cccactgca

439

<210> 6307
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-F1

<400> 6307

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tctctccacc ccttcgagat ttggtgcat gatgttgct gctgttttta ggagagcttc 180
cattagaggc tcttcttctg cttcgggatt gggaaaatca ttgcaatcct ctcgtgttgc 240
agtgtctgct caatttcatt ctgtttcagc aacagagacg ttggtgcctc gtggaaacca 300
tgctcatagc ttccatcanc gttcttgctc anggtgtcca nactgttcaa ggactattat 360
caacggttac caaggnacag ccttgcaaag atgggtcaag ggccttttca actgataatg 420
gggangtctt ggnanctggt gtgcacacat ggggtgaaca tcactgatgg gaccctaacc 480

<210> 6308
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-F11

<400> 6308

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aggcgtcgcg ggtgatgagt caggctgctc gactcaatga agtggtcaca gaggtaagaa 180
gggtccctgt gatccgccct gctctaccat cgctggcgc atggccgggt ttgagcctta 240
gatgagaagc cgttttctac aatacctaga cacagtggag aatcaatcat acaatgtcca 300
tcactttatg taccgtaaga atacaaatac atgtgtttat gtcgtacctt tgcataanta 360
gtagtttacc atcttatgaa atcgcgatg tgagtctgt cccaaccgtg ggatacactn 420

<210> 6309
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-F2

<400> 6309

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 aagttacctt gcgtcgggtct angaacctac gcaatggtcg cgacagcgat cgaacaggcg 180
 attaagattg gttacaggca tatcgactgt gcttcgattt acggaaacga naaagagatt 240
 ggtggtgtgt tgaagaagct gataggtgat ggttttgtga agcgtgagga gttatttatc 300
 acttccaaac tctggagcaa tgatcattta cctgaagatg tgcctaaggc actggaaaaa 360
 acgttacagg acttacagat tgactatggt gatttatatc tgatacattg gnctgcgagc 420
 ttgaagaagg aatcactaat gccaaaactg anaatgtcaa aaaaaccng tataactagc 480
 acatgggaan ca 492

<210> 6310
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-F3

<400> 6310

canaccggg ccgggccacg cgccacana aantcanagc agatntnaan aaaatggctc 60
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 tacagatcaa cggctcaaac cgtttgaaca tctcangagt ctcggttggg tctcagagaa 180
 ccggacttgt gatcagggct cagcagaacg tgtcattacc atanagtagt cncgggtcan 240
 tgattggnet cntggcggct ggtnagccg gtggttcatt cgttaaagct gttttcgccg 300
 aagctattcc gatcaangtt ggtggtcctc cacttccttc cggtggccta cctgnaacag 360

ataactcaga ccaancanga gacttttcat tggcantgaa agatagattt tacatacaac 420
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<210> 6311
 <211> 506
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-F4
 <400> 6311

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 ccggcttctt cattcggtcg atcgattcga tgtattcatc agtatcagac gatccaggcg 180
 attccacgtg aagctacggg tcgaggagta tcggctcggg atcggacgat tggtcgtatt 240
 cccgccgtcg ttttcccga atcgcttcta gatactgatg cttcgaagcg aggcgtgtcg 300
 aggaagcagc tattgacggc ggataagaag cagatnaagt ctattattga ctctgttgg 360
 ctcccaatcc tctgttccaa cactttccaa gcttcaagat tccgaacctg gtcaanggtt 420
 ccntcaaccc cttgttgaaa ccnggggtcca aataactttc ccctcaaagg gttcaatana 480
 ngacgaaana aaactgggaa aagaat 506

<210> 6312
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C6
 <400> 6312

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 nnnnnnnnnn nnnnnntga aaaagatgag aacntaaag actcagacca caaggggaag 120
 aagaagagca aatgtgtcgt cacgtacgag agttttacac acgtgcngtg gaaatggtag 180
 tagcgacgga gggaagacgg tgatggagaa gcttcttgcg ttaaagagcc ttcttcctcc 240
 accggtgaat gtcggtggtg gaganacgga ggagctgttt caagagacgg cggagtatat 300

actgatgaag atctacgcat ttgaaattgc atctgggaga aaggtggatg ttttgccgga 300
 gtgccaatct ttgattgaag agctattggc ttcacattca acagatcttc agcaacgtgc 360
 atatgagctt caggetctcc ttgctctaga tgcccgtgct gttgagacta tactcccttt 420
 agatgctagt tgcgaagaca ttgagggtga caaggatctt tcatttctca atggctatat 480
 ccaacaagct atcgagagt 499

<210> 6315
 <211> 434
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A10

<400> 6315

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 gttttgacga cgatgatgtg gatatacggc tccgagatga aaatgccag gacgggaaac 180
 ggttgacgc taaaacattg gaagtaagat ctcatatttc gtaccgctat cgacattctc 240
 taagggctta catttccatg ttatatctca aaaagttcaa aaacttcaaa attattcttc 300
 ggggagtcct tgtggcgcaa ttcaacattg ctgatgaatt cagacatcct gagacaataa 360
 tgtacaaacc ccaagcagct gcagtggatt atgctgccac tggaattaaa gttggattca 420
 tcaaggaggc ccta 434

<210> 6316
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB23-005-Q1-E1-A11

<400> 6316

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 tagcaccgcc caagagagat ttcgtaacat gcgtctcgtg gagcaatatg atactcacga 120
 tcctaaaggg cactgttttag ttgcattacc gtttttgatg aagagaacta aagttattga 180

gattgttgct gcaagggaca ttgtttttgc gcttgacat tctggtgttt gcgcagcttt 240
tagtagagag tcgaacaaaa gaatatgctt tttaaagtgt agtccagatg aagtcacag 300
gagcttgctt tacaacaaga acaatgattc tctcatcaca gtttctgttt atgcttcaga 360
caatttcagc tctttgaaat gcaagatcca ctagaattga gtatattctg agaggtcagc 420
cggatgcagg gtttgct 437

<210> 6317
<211> 404
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-A12

<400> 6317

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atcttcctag ggtttcgatc tgaaaccttg cgatctactt gaaagagaga ttcagaaatt 180
tccaagtaat aataatgttt gcgcctgcna ctcaaccgca acagcaacat gagcagaaga 240
agcattcaga gacngtttca tcnngctgaag aagatgcttt gaagtggaac accgattgcy 300
tttactttct cgcttctcct ttaacctgca agaggggacc tgaatgcgat tatcgccana 360
gtggtgtann gcnngtatn aancccgagg ggaattggct aata 404

<210> 6318
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-A2

<400> 6318

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aagcagaaag agaactctgg agagaaaaca gctgtggcaa aatctactga gctgaaaaga 120
ctttcttctg atttatcatt ttctgcaggc atggaaaagg ttgtggtacg aagatggagt 180
ggtgctagtg acatgagcat cgatttggga aatgacagga aggatgatac ggggtgatagt 240

ccactgtgca ctccctcgtc atcttcagtg tccaaagatg gaagtgggtgc atcctcaaaa 300
 caatttgtcg gctacaataa naaagancag aatggattga gccatgctgc gaatcctcat 360
 aggaatgagg aagaatgtac ttccaacaat ggtgggtgact ggggaatgga tgaagtanag 420
 tctcaaaaatt caagttctac tttcttacca aagacaaagn ggtggac 467

<210> 6319
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A3
 <400> 6319

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 ctgagtcaga ttttaccgat tcattgcctc cattgaagcc tcttttctca gattctacgc 120
 ttcactgtct cttctccatg tgcgtctcct cctcctcgt tcttccagat cttgctttcc 180
 ggtgacggtt ttaatcttct tctctctggt aacacgtata aagcatggct tacctgatgt 240
 agacatgtag tgtaggcta aagactcctc ttttcacttc tgtcttggtg agtttgtggt 300
 ggtttaaggc tttaagccaa aggcgttggt ggtctgacaa gatggcaatg gcggtgttta 360
 aggctcctct aaaaggggaa tttcatgggg ctagaaagat ggaagggaag catataacac 420
 atctgcttaa caacagtcta cangg 445

<210> 6320
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A4
 <400> 6320

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 tantggaact cangaccttg atacattgca cggtcctttc acatacgagg ctttgccgcc 120
 aacggatata aattttgtac ctttgaagca aacanagagc ttcagggtg acnaacttan 180
 tgaattctac aagtctgata tnaanctgaa aaagtttcta cacataatcg agaattcacc 240

cgtcttcctt gttttatacg acagtaagag aactgtgctg tcattgccac ctattatcan 300
 tgggtgcacat tcagcantta ccttacagac aaagaatgtc ttcattgaat gtactgcaac 360
 tgatttgacg aaggccaaga ttgttttgaa tacaatgggtt acaaccttct caaaattttg 420
 tgccagaaaa tttgagatgg ancngttgaa attacatacg acgaaggga antcctacat 480

<210> 6321
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A6
 <400> 6321

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 gccgctaatt aacgcgcgtc ctggttgcta ccaccgccgt aaccctaacg gcatttttaa 120
 tggcgtcgtg tgatgacgat ttctctctac ttggagacga tcagtcaaac cctaataaac 180
 atcaccacca ccaccaagtt cttcatcaca cgccctacgc tcctagacga ttcaaccgga 240
 aaccatcgaa tcagatcctt ttaccgcac accagaggaa cggcgacgag gacgacgaga 300
 acgatgtcgt tgtagaagcg tcttctgctt tccacggta cgggtgtaat cctttcacgg 360
 cggacgaaaa ttccaatccg tatgatgata ataacgcagc tgtagacgaa ggacgaagac 420
 gaagatctcg gtgccaacan 440

<210> 6322
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A7
 <400> 6322

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 atangaaagt gggttaacata gatgatccaa acgcagcatt ctttgtccag caagggaatc 120
 ctaatgttcc tgttgtgaca tttgccatgg aaaacaccaa agccgatgtt caccggttaa 180
 agtttgagct ttccttggtt gagacacagg ttttggttaa taccctcaa ggtatactgg 240

agatctcttc gggtttggtta ggacggcata acatttataa tattcttgct gctgtggctg 300
 ttgggattgc tggttganct cctcttgagg atattgtag aggtgttgag gaagtcgatg 360
 cagtcccagg aangtgtgag ttgattgatg aggaacaagc tttgggtggt attgtggatc 420
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<210> 6323
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-B5
 <400> 6323

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 tccatctcct taaatctccc caatcctacg ccgcgaaacc cttttaccct tttccacgtc 180
 tctcctccgt caccggaaac aaccaccaca atcacaancg cctccaaaat ctaccactgt 240
 tcatcctcat actctctcta ttctgtcgtt tcttcacga aaccctaata tccttctact 300
 ccgatcctct cgtcaaagga agtactcctg ttcaccgatt ctcatctctc aattccgccg 360
 ccgtgttctt cctcttctc atcatcgcca ttacaatct cctctccgga ttaanctccg 420
 ttaatccntc tcccttcga 440

<210> 6324
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C1
 <400> 6324

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 gtgaccttga agcagaagca taaggtcctg aaaaagggtga aggagacca caagaagaag 180
 gcaaaggatg ctaaaaagct tggccttcac cgtaagccaa gagtagagaa agaccaggt 240

ataccaatg actggccttt caaggaacaa gagcttaaag cccttgaagt tcgacgtgcc 300
 cgtgctcttg aggagattga acagaagaaa gaagctcgca aagaaagggc caaaaagagg 360
 aaacttggtt tggttgatga tgaggatacc aagacagaag gagagaccat agaggactta 420
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 aatccattga 490

<210> 6325
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C4
 <400> 6325

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 gcagaagcag aagtcgaagt agaagtcgta gtcgggatcg gtttcgtagt cggagtcgga 180
 gagacaggag aatgagatct gaacgagttt cttaccatga tgctccttct agaagggaga 240
 gggagccacg tcgtgccttc agccaaggaa atctctgcaa caactgcaag cgacctgggtc 300
 actttgcaag agactgttct aatgtttccg tctgtaacaa ctgtggtctt ccagggcaca 360
 ttgcagcaga atgcaactgc gaatcacgtt gttggaactg tagagaaccg ggccaegtag 420
 cctcaaactg ttcaaacgaa ggaatctgcc actcctgtgg taaatctgga catcgagcca 480
 naaactgctc tt 492

<210> 6326
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C5
 <400> 6326

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tttcaaaaac tcagccatgg gtaattgtat cgcttgcgtc aagtttgacc cagacaactc 180
 aaaaccaaac cagaagaaga aacctccacg gggacggcaa cgaaacccat acgacgatcc 240
 cgatggttta agaactcacg caccgttacg tgtgattcct atgagccatc aatctcagat 300
 cagcgacaag tacatcttag gacgagaact cggtcgcggc gaattcggaa tcacgtatct 360
 ttgtacagat agagagactc gtgaagcttt agcttgcaaa tcatcnccag gaaaagctcg 420
 gaacggccgt tcaagttgaa aaagt 445

<210> 6327
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-H12

<400> 6327
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 gcaaaacagg ccaaagatgg aactaatgtc cctaaaaaga gcgcaaagaa gagttccaaa 180
 cgggatgcgt cagaagagaa tcctgaggat tttgtggacc ctgaaactcc tcttggagag 240
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 tggatgctt ggtgggagaa atctgacctt ttaaggcgg atgctaagag ttccaagcca 360
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<210> 6328
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-D8

<400> 6328
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 cattacaagg aagaggttct gaatccaaac aagaaggacc tcacggaact tccgagaaac 180

6327-419-6328

gtaccgagtg ttcctgcagg gcttttcttt tcttacaact ctacattggg tcctccttac 240
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 aagggaatga gagactgtct gtacgcaaatt tgcactcctt gtatcacgga ntgtgtcatg 360
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 acttcganag actaccttgt 440

<210> 6329
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-E2
 <400> 6329

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 cagcctccat atatgagtta tccgtcttac tacaatgctg ttccccctcc aacacctcct 180
 gcaccggcct cgtctactga tcattcccaa aacatgggta acatgccatg ggccaacaat 240
 cttctgtct caacacctga tcaactcaca ggtcttgta atgcaccttg ggcacctaat 300
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 aaacctccag tacagcctcc tgcagagaat ccacacctg ttggagagtc tgagtatgag 420
 aagttcatgg ctgagatgaa gtagcatgcg tgttctgatg agaaactcct tagtggagan 480
 gtgtgat 487

<210> 6330
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-E3
 <400> 6330

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6329 487 6330 483

cgagctcagc tcatggctctt tctacagagc cggaatagct gagtttatcg ctactttctt 180
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 ttctgttgga atccaaggta tcgcttgggc ttttggtggc atgatctttg ctcttgtcta 300
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 ggctcggaag ttatctctga ccaagagcag tgttctacat gattatgcaa tgtcttggag 420
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 gtg 483

<210> 6331
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-F11
 <400> 6331

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 gatccagcct taccacggta atcaaggcgg tgatttcagg agctatagcg catcgtangg 180
 gacgagggag aacaatatat acgatgtgaa aaaggagaaa tcgatagcaa gatccaagtc 240
 ttggggaata acggatccgg agtccagag gaagaaacgg gtcgagagtt ataagatgta 300
 tgggtgtgaa ggcaaagtca aaggctcttt tagaaccagt ttcaagatgg cttaagcaga 360
 agtacacaca ggctgtctat ggttggtggt gattcctttt tcactttttc tanaatt 417

<210> 6332
 <211> 494
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-F4
 <400> 6332

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aaaccctagc tcatcatctt ctactaacaa tctctatcct tctctcgata tgaatgatct 180
cgctcgtaat ctcttccctg aacaaccaga gacgagttct attccggttt cagctcctcc 240
cgctgcgacg gaggaagtaa ttttgaaaat ctccggcgcg attcttcatt taatcgacaa 300
atcttacagc gtcgagctcg cttgcggtga tcttgagatc atccgtattg ttcaaggaga 360
gaatgttgtc gctgttctcg ctagtgtctc cgatgagatt caatggccgt tgactaagga 420
tgagaactct gtcaaggctg atgagtctca atacttcttc acgcttcgct ctaccaanag 480
agattcacat gatt 494

<210> 6333
<211> 446
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-F7
<400> 6333

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tctataaggt tcttgaagtt gatcgaagt ctaatgacga cgagcttaag aaagcttanc 120
gcaaactcgc catgaaatgg catcctgata agaaccctaa caacaaaaaa gaagccgaag 180
ctaaattcaa gcagatctct gaagcttacg atgttttgag tgatcctcag aaacgagcaa 240
tctacgagca atacggagaa gaaggtttaa accaagcccc acctcccggc gccggtggtg 300
gctatcctgg aggatcagac gccggagctt ctttccggtt caatcccaga agcgctgatg 360
atatcttctc cgagttcttt ggtttcacga ggccttcttt tggtagggga agcgactcac 420
gcgcaggacc ttctggcttt aggtat 446

<210> 6334
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-G12
<400> 6334

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aagggtggact tggatttgat tattatgtga atctttctgc gtcagaaatg tgggtttctc 120
 tcctcgacaa tgtaccggat aatgaatgga gcatgagcaa gattgtcagt acattgggtgg 180
 ctaacaaaga gtatgcagac aagatgctca gctatgccga aaatcacaac caatccatat 240
 caggagggcg ttcatttgct gaaatcttat tcggtggagt cgataatggt tctcctggag 300
 gaaaagaatt gctagacagg ggaatttcac tacataagat gattagactg attactttta 360
 caagtgggtg ccgtgcatac ctcantttca tgggaaatga anttggacnt ccngagaggg 420
 ttgagtttcc aacgcagan 439

<210> 6335
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-G2
 <400> 6335

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 ctaaccggtt gataccagtc gatgccatct ccatttgcat gaatatagaa ggggtggactg 180
 ccatgatttc gatcgggttt aacgctgcga ttagtgtgag agtatcgaat gagctgggtg 240
 caggaaacgc agcgtagcc aaattctcag tgatagtcgt ctccataact tcaactctta 300
 tcgggatagt gtgcatgatt gttgtcttag ccacaaaaga cagcttcctt tatcttttca 360
 cttcaagcga agctgtggca gcagaaacca cgagaataac cgtcttggtg ggcttcactg 420
 tcctcttgaa cagcctccag cccgtcttgt caggggggtg cggttggagc cgggtggcan 480
 gctctggttg catacgtg 498

<210> 6336
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-G5
 <400> 6336

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cgcgggcggtg gaagaggtgg tccgagaggt cgtgggtcgcc gtgcaggtcg tgctccagag 180
gaggagaaat gggtgccagt gactaagctt ggtcgtctcg taaaggaagg taagatcaca 240
aagattgagc agatctacct ccattctctc ccagtcaagg agtaccagat catagattta 300
ctcgtcggtc cttcattgaa agacgaagtg atgaaaatca tgccgggttca aaaacaaacc 360
aganccggtc agagaacgag attcaaggcc ttcacgtcg tcggagatag taacggtcac 420
gtcggattag gagtcaatgc tccaanga 448

<210> 6339
<211> 442
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-G9
<400> 6339

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aaacattaat acacacacca aaaaaaaacc tgtttatgtc caaaagatct ctgattcctc 120
aattcttctt cnatagcttt tgggtctccat tctcatctct taatctccag tgagatcagc 180
tccaattcta actggtctct ctaaataaaa aacagaaata aaaatccaac ctttttcaat 240
tttcgttcaa ttttcccgga aaaaaaagcg atccttttga tttttcgatt tctccaagta 300
acaattcaaa atgggtctaa aggggttttgc tgaaggagga atancttca ttgttgcggy 360
ttgttcgacc aaccgcttga tnnaacaagg nccgaatgca acttcaaggn gaatcagctc 420
cgattcaaac aatctccgaa ca 442

<210> 6340
<211> 431
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-H10
<400> 6340

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atgtgccggt gagaatcgct gttgtgggga aatatacagg cctctctgat gcttatctct 180
ctgtcttaaa ggctctctta catgcttctg tggcttgteg caaaaagctc gtagttgatt 240
gggttccagc ttgtgatctc gaaaaagaaa ctgagaaaga gaatccagat gcgtataaag 300
ctgcttgga gttgctaaag ggtgtagatg gaattcttgt acctggaggt tttgggtgat 360
agangagtgg aagggaagat tcttgctgca aagtatgcac gttaaaacaa aatcccgttc 420
tccggttaatt g 431

<210> 6341
<211> 483
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-H11
<400> 6341

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ttgaaaattc tgacgaataa aaaccatata tacciaatcac aaaccctaga tttttgttat 180
cttcttcata cgaagattct ctttgatctg tgtctccttc cttctgattc tcccatttca 240
tttcattgat tcttttgatt cgattctatt cgagctcaat tttgtagatc agaaccacaga 300
atcgaatttg ggataacttg aacaatatcc ttggtaactt gttgatctga atttgagtga 360
agaagacatc gaattcaagt ttgggtgtggg agattttttt taatggagtg atgatgattt 420
aaaggggaag gtaaggaac gatgactgga ttgggtgttc catcaagtac caangttcct 480
gga 483

<210> 6342
<211> 429
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-D7
<400> 6342

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agcaataccg ttgccgttag ccagggtgaga atccttaagc gcggcgaaga aatccccaag 120
gagacttcag atctggttgt ggaaatgtca gatctgggat ctactcgtcg gattggacca 180
gatccggggtt tgattccggg tcagatccgt ttatctggcc gcaaatcgaa atcagcaccg 240
ttttacgccg gtctgtgac catgacctcg ccgcctccta gcgatgtccc gcttcagct 300
ttcttcacga agaaggcaac anatgatcnc atcatcgatc cttcgcttag acatcgctg 360
acggtgtctg tcaccgatca tttntgattt tttaannatc tccgangatc caaatggta 420
ccanagttg 429

<210> 6343
<211> 457
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G5

<400> 6343

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cgattgggtc caagetcaac aaaactggaa tctcactcgt gtacgacaca atcgacttta 180
aaacatacga gaaacttgac acattgttgc accgagttcc caaactgga atgtgggagt 240
gtgttgactt ttaccgggtg tctaagactg cgggcaatgg gcttgacaca tcggtcaatg 300
gaccggatgt gaagcatatc gtgaaggcta acatggacga cacgaggttc gatnattatg 360
ctgtanggca cgtatttcga ttcaaacgga acatggnttc ccgatgatcc aactatcgan 420
gttggaatn actgccaant ttaagatatg attacgg 457

<210> 6344
<211> 457
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G7

<400> 6344

6343-6344

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ctaagaccaa ccgatcatct tgaccggctt ttctacactc aacaagctgc ttggacgtga 120
ggcttatagc tctcacatgc aacttggtgg cccaaaaatc atggggacaa atgggtgttgt 180
tcatcttaca gtctcagatg atctcgaagg tgtatcagca attctcaact ggctgagcta 240
cattcctgcg tatgtgggtg gtcctcttcc tgttcttgct cctttagatc caccggagag 300
aactgtggag tataatccaa gagaactctt gtgaccacg agctgctata gctgggatta 360
acgataatac tggtaaattgg cttgggtgggt aaccttgata aaaatancct tgttgagact 420
cctgaaagct ggggcaaagg acngtagtga ctggtaa 457

<210> 6345
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G9

<400> 6345

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agggttttct ctagcttaat ctcatattcg aatcggtcca tagtgatact atgccgaaga 120
acaagggaaa gggaggaaag aacaggaaga gaggaagaa cgaagcagat gacgagaaga 180
gagagcttat attcaaagaa gatggacaag aatcgcaca agtccttcgt atgcttgga 240
atggaagatg tgaagctatg tgtatcgatg gaaccaagcg tctttgccat atccgtggta 300
agatgcataa gaaggtttgg attgcagcag gtgatattgt gcttggttgg ttgagggatt 360
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aaggctaagg tgaacctcca 440

<210> 6346
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H10

<400> 6346

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 gattccgaat ccatcaccgc tcccaaagct gattccaccg tcggtgaacc gaggaagata 180
 gctctgatca ccggaatcac cggccaggac ggatcatacc tgacggagtt ccttctcgga 240
 aaaggctacg aagttcatgg tctgatccgt cgatcatcga atttcaacac ccagcgaatc 300
 aaccatatct acatcgatnc acacaatgtc aacaaagctc tgatgaaact ccactacgcc 360
 gatctcaccg acgcttctc tctccgtcgt tggatcgatg tgattaaacc ctgacgaagt 420
 ttataaccta nctgctcaat ctcacgtcgc tgtctccctc gaagattcct gga 473

<210> 6347
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H11
 <400> 6347

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 cgcggcgcgg ttccgtcggc gaggttagcg atgtacaagg tttgttgggc gagatccggc 180
 tgtgctgaca tggacatact cgccggattc gaagcagcga ttcacgacgg cgtagaaatt 240
 atctccatct ctatcggcgg tccaatcgcc gattactctt ccgattcgat atccgtcggg 300
 tcgtttcacg cgatgaggaa aggaatcctc acggtggcgt ccgcgggtaa cgacgggcct 360
 aactcaagaa ctgtaacgaa ccatgaaccg tggataatga cggttgctgc aantgggaac 420
 cattgggacg ttcaaaaa 438

<210> 6348
 <211> 452
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H12
 <400> 6348

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gagtataaat gacacaagct atttcgtatc acgctttagt gaaagcagtt gcagcgatac 120
tgaaactggt aacaacagtg ggtcaaatcc agattcagga gacgagttgg atgaatgcac 180
caacctggag aagtttgatt ctccgcctta ttatctctcg ctcattaact tttctttcaa 240
gaatttgta caattggctt caatcaatca tgatgtgcta ttgcaaaagg atccagctaa 300
aggaggagga gactcaccct ttaaaagcca tggaacgtaa agctctccta caaccgtcaa 360
angtggcctt agtccgctgt tttccctggg ttgcgccttg ctttgaccgt ttgtaactgc 420
tgctgccaac taatgctga aaattgtaac tc 452

<210> 6349
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H2

<400> 6349

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cgattttggt cttgctttgg agaacaaaga tactccagag ggtttgacgt atttattccg 180
ttgccttgat ctccaaggga gaggccttct cactactgct gatattcact ctcttttcag 240
agatgttcac cangaaatgg atagaagggt ggaactatga actgtgcata gaagatgttc 300
gagacgagat ctgggacatg gtgaaancgt ctgaccatt aaagattact cccgggggtga 360
ttcccttggg aangttaaca aaggnggaaa ccntttccaa ncnatgctta aaaanttgcn 420
tggntttctg ggnnaagna aaanccttag aaaccttctt caaaaanaaa 470

<210> 6350
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H3

<400> 6350

6611630-1636660

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ccctctgccg ctgtggnntta cctccccggc tcaagccacc atggtcgctc cattcactgg 120
gtttgaaagt catccgcttc tttccccggtc acccgcaagg ccaacaacga cattacttcc 180
atcacaagca atgggggaag agttagctgc atgaaggtgt ggccaccaat cggaagaag 240
aagtttgaga ctctatctta cctccctgac cttactgacg tcgaattggc taaggaagtt 300
gactaccttc tccgcaacaa atgggattcc ttgtgttgaa ttcgagtttg gagcacggat 360
ttgtgtaccg tnagcacngg naacactccc nggntactaa cgatggggccg gtactggnca 420
atgtggnaac cttccaatgg ttccggatgc aaccgaatcc gctcaaattt ttgaaag 477

<210> 6351
<211> 463
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H4

<400> 6351

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gctagcttct tccggtgact ggcgataaca cgagagagcc ttcgccttct ccaagcttca 180
tactcttccg acgataaaga ttagaagaca tgaagaacgg taaccggaaa acaacgccgg 240
aaacagagaa gtctcaccgg agaaagttat cagagaaagc gatgtcgttt cacggnagag 300
gaacaacgcc gttatcaaat ccaggcgagc ttcgaagacc gaanacgtta ccggagttat 360
tctccaccgg tcaaagcatc accgttaccg gagaacggtt taacttccgg ccacgttttg 420
acgaaacntt tacttaacgn gacggtacaa agggaanttt aag 463

<210> 6352
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H5

<400> 6352

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 accaccagct tctctagctc agttcgacct ccaccacggt ggtcaccacg acttctcctc 180
 ttacggtgtc tctctcgttg acggttataa tgttccgatg accgtgactc ctcacgaagg 240
 ccatggtgtc tgtcctgtcg ttggttgctg tgaagatcta ataaaaacgt gtccggctca 300
 tcttcangtc cggtcacaca agtggacacg tgggtggcttg taagantggg tgtgaggctt 360
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 tccagncaat cct 433

<210> 6353
 <211> 439
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H6
 <400> 6353

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 tccgctttct acggtgctcc caagccggaa aatgaagcca tcgctctcat ccaccacgct 180
 attcactccg gcgttactct ccttgacacc tccgatattc acggccctga gaccaatgaa 240
 gttctcctcg gaaaggctct caaggatggg gtgagagaaa aagtggaact tgcgacaaaa 300
 tttggnatca gttatgcana aggggaaaaa acaaggctat aggagatctg aatatntaag 360
 ggcgnccttg tnaaggcaaa ntttaaanag ggtagtttat tgccnggntt ccntttccaa 420
 taacaagaan cggtaaaaa 439

<210> 6354
 <211> 463
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H8
 <400> 6354

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gctagcttct tccggtgact ggcgataaca cgagagagcc ttcgccttct ccaagcttca 180
tactcttccg acgataaaga ttagaagaca tgaagaacgg taaccggaaa acaacgccgg 240
aaacagagaa gtctcaccgg agaaagttat cagagaaagc gatgtcgttt cacggnagag 300
gaacaacgcc gttatcaa at ccaggcgagc ttcgaagacc gaanacgtta ccggagttat 360
tctccaccgg tcaaagcatc accgttaccg gagaacgggt taacttccgg ccacgttttg 420
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<210> 6355
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H9

<400> 6355
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cgtatttgaa gggtagcagc gtcaatactg cgagctctca accaatctct ctagaaaatg 180
tcactctgca tcggttctct ccaacggaga ggagaagaag gggaagattg ctgagatcaa 240
gtctggaata gacgaagctg atgtcttgat ccggaaaatg gatcttgagg caagaagttt 300
gcagccgagt gctaaagctg tgtgtctttc taaactaaga gagtataaat ccgatctgaa 360
ccaattgaag aaggaattca aacgaatctc ttccgcaaat gctaaaccgt cctccccgtg 420
aaaganttta tgggaacccg g 441

<210> 6356
<211> 508
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G4

<400> 6356

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 caatggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnng accaatcacc aaaagaccct tacctctctc 240
 tccgtcgtct cgctgaatcc tcaatcgcta gagctcataa actcaaacac ggcacctcaa 300
 taaaacccga cgaagatgct ctctcctcca ccaccaccgc atccgccacc gtcgtgaaat 360
 ctctctcttc tgctaaaagc tacggggcgga tactcaagtc tctctnagct ttnggaaaac 420
 gtcgcaaaca atcccaattc gttttcgaaa acnggaaaca attcccgttt nggggaacct 480
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<210> 6357
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E10
 <400> 6357

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 tgagttcata agattccggt atcgtcttcc tgattcctcc aaatctccgg cgaatttgca 180
 ctctttacct ctctttgact ccgtgagatt cgaggattgt tagtttcttg tgatgtgtag 240
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 tggatttgca agccggtgcc gaatggtgtg tggactaaaa ctgtggatta tgcgtttggt 360
 gcatacacgc cttgtgctat tgactctttt gtgcttggtg actcccatcc ggttctgttg 420
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<210> 6358
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E12

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gcaactaata accgtcccac gaacaaaacc ggcttctgtg ggctagtcgg taaacaagta 180
gacagcattg agtattacac tgagctaate aacgagtcgt tagccaaact ggaaacagag 240
cagaaagcgg ttcttgctga gaagcagcaa accgcagcag tggttttctt cacaaccagg 300
gttgctgctg catcaagcag ctgagtcctt gcactgccag atgggttgata aatggactgt 360
gacccgaagc tcctgaacca cggnaagctc ctaaggcaag aatctcaaca tcaaagctcc 420
tcaacaagaa taatccggca atact 445

<210> 6359
<211> 484
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-E3

<400> 6359
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ctctcncctc catcggegac gaccaccgga gatcagcgtc accgtaccaa aacatcattt 120
accttctttt agatttggtg ttttttaate agttgaatcg gaataaaaata tcgcatcaga 180
gatgagtaac gagcttctca ccatcgatcc tgtcgacctt caattccctt ttgaattgaa 240
gaagcagatc tcttggttctc tctatttggg taacaagacc gataattatg tcgccttcaa 300
ggtaatttc aatttttgaa ttggatatat attcttttgt gtatatctta atgttttcaa 360
gggtcaatta ttttttaaag gtttaagacga cgaatccaaa agaagtactg cgttangcct 420
aatactggtg ttgggttcanc ccagattct cctccngaaa gtttttagtga ccatgcaagc 480
tcaa 484

<210> 6360
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E4

<400> 6360

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nnnnnagaaga aaatttccat tgttcgaaac aggagttaca atgaaacaga ggaagaacag 180
taatctctca atcttcgtcg tagtcttctc tgttttcctc ttcgggatct tcatgtacaa 240
tgaagacgtc aagtccatcg cagagtttcc tttctccacc tcaaaacctc acgacgtcca 300
cgacgaaagc gacaccgatn acaagagatn acaacactac cggttcaaga gtcgatnaag 360
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aaggacgttt ccaaaaccag tttcaagaag gngggggtt 458

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<210> 6361
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E5

<400> 6361

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ctctgccgga gtttcaaaag ccaacgaaaa acgaactcta tccccgtcgt ctcacgccgt 180
gctaagatcc tcatgcagct ccacgcgtta ccctgagctc tgtatctctg ccgtggtaac 240
tgccggcggc gtcgagctaa cgtcgcaaaa agatgtcatc gaggcacggy tgaacctaac 300
aataaccgcc gtggagcaca attacttcac cgtgaagaag ctgatcaaga agaggaaag 360
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ggacgaactc caagaaacgg tgggaagatn tccaat 456

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<210> 6362
 <211> 452
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB23-002-Q1-E1-E7

<400> 6362

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gcggatctca tcaaaagggg gttggctgag gaagataaga ccgcagaaca tggagtacgt 180
ctgacgatac cagactatcc atttgcaa at gatgggtctaa tattgtggga tgcaattaaa 240
gaatgggtga cagactatgt gaaacattac tctctgatg aagaactgat cacatcggac 300
gaggaactcc aaggatggtg gagtgaagtg cggaacatag gccacggaga caagaaagac 360
gaaccttggt ggcctgtcct caaaacacaa gatgacttga ttggtgtggt aactacaatt 420
gcatgggtca ctcaaggtca caatcaactt ta 452

<210> 6363

<211> 445

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-E8

<400> 6363

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cgtctctcta ctttgaaaac cgacaattca agatctcact ctgtgtttgt ggattgta 180
aatagtcctg gtgctagatt tatccatgct gaatcagatc taagtgtgtc agacattctt 240
ggatccacat atgttccttt gggtgttcaa tctctctttg atcatcacia agcattgaat 300
cgtgatgggt acaccatgag tctcttatca atcaaggtaa cagaactggg anatggagtg 360
ttcataggat tgtcaatgaa tcattccctt ggaaatggaa nttcctcng gaanttctca 420
aatccttggc cgganatttc aattc 445

<210> 6364

<211> 444

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-F10

<400> 6364

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tcaaattgatc ctgttgattg gatggatcag ccgtctgctg gccttgctat ccagggactt 180
ttgagtcata tcttagtgga agattattca gatatccaaa agaaacttgc tgatagcaat 240
tctacaacta acggaaacaa ggatgcagaa aacttagtgg acaagcttga agacaatagt 300
aaggcaggtg gtgacgaatc tgagatagat tcatcacagg atgaaaaagc aagaaatgtg 360
gtggcgtttt acaagctgga gatgataaag aattcaactt atcacaacac aaagggggat 420
taagactgaa attnaagggt ggaa 444

<210> 6365

<211> 495

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-F12

<400> 6365

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ggaggtagtc catggcttag aaccaccaat aatcacgtcg gaagacagtt ttgggagttc 180
gatccgaatc tcggtactcc tgaggatctc gccgccgtcg aagaagctag gaagtctttt 240
tcggataatc gattcgtgca gaaacatagc gccgatctgc ttatgcgcct tcagttttca 300
agagaaaatt tgattagccc agttttacct caagtcaaaa tcgaagacac tgatgatggt 360
acagaggaga tggtggaaac cacgttaaag aggggtctag atttctaate aactatacag 420
gcaaaacgaa gggcactggg ccaagtgaat taagggtggg cccaangttt cntcccccc 480
aaagaactgg anaaa 495

<210> 6366

<211> 439

<212> DNA

<213> Arabidopsis thaliana

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 gttggatttc aataaggact ttgatttgcc tccctcctca aaccaaacct taggttttagc 300
 taatgggttc tatttagatg acttagattt ctcatccttg gatnctccag aggcatatcc 360
 ctccnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntgtacaagg agatctgtta 420
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<210> 6369
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-G2
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 tctccggagt tgtatcttta ctctttgtc ggaggtaaaa tggctcagtc gtcgttggtg 120
 gcggcgccgg ggagaagcgg aagggttata ggcgattatg cgggtgggtcg acaaatcggg 180
 tcggggtcgt tttccgtggt ttgggaaggg aggcatcttg ttcatggcac cgtcgttgct 240
 atcaaggaga tcgctatggc tcggcttaat aagaagttgc aagagagtct catgtcggag 300
 attatcatct taaggaagat taatcatcct aacatcattc gctttatcga catgatcnag 360
 gtcgccgga agataaattt ggggggttgn gta 393

<210> 6370
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-G3
 <400> 6370

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 caacagagct ccgttgagct tgaacgggtc angatcanga gctgtatcag cccagcttc 180

tttaggttgg attggtggtg tggttggtct tcttattgct actgcaatct ctctttatgc 300
 aaacactcta atagctaagc ttcattgagtt tgggtggcag aagacacatt cgctatagag 360
 accttgctgg attcattttac ggtaaggaag gcttaacaac ctacatgggg gaattgcaat 420
 aaggttaatc ctttcangaa tttaaattgtg ggttccatta 460

<210> 6375
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
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 <400> 6375

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 gcatttgccg aagttctaga atcagtcatt tccgtggcgg cttctctaaa cgaagaagcg 180
 attcaacaag gtctaagtcg atgcgattga ggtgttccct ctctccgatg gaatctgcga 240
 gaattaaggt gattggtgtc ggtggtggtg gtaacaatgc cgtaaccgg atgatttcaa 300
 gcggtttaca gagtgttgat ttctatgcga taaacacgga ttcgcaagct ctgttacagt 360
 cttctgctga gaaccactt caaattggnn aactttaacn cttgggcttg gacngngggg 420
 aaaccggctt ctnggggaaa a 441

<210> 6376
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-B9
 <400> 6376

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 caacaacagt gacgtcattt tccgatcaaa gttaccgat atttacatcc cgaaccacct 180
 atctctccac gactacatct tccaaaacat ctccgaattc gccactaagc cttgcctaatt 240

tcttcttcaa taacttaggt cttggtttca taggcttcaa gtacttagat tgaaatctaa 300
ccatctcttt caaaacacta atcagcttcc tctctatttc ttcaccgtca ggttcaatag 360
ctcctaagca ccgtgccaca acctccgccg tagttacaca tcctccgaat gggtcctcc 420
ttagcacaag ctctg 435

<210> 6379
<211> 436
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C12
<400> 6379

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cagaatggct aggcagtga ttgatcgctg ttgctattgc tactttcata agtctgtcca 120
tggtatacct gctggcctat attcatctct ccgggtcaaa aaagtcgatt gtcacagcat 180
tatgcattat cactgccctc tctcttgctc ttgtatcttc tgggtgttctt cctgcattta 240
ctgaggatac tgcaagagca gtaaattgtac tacatgttgt ggatacaagc gggcaagatc 300
aagtggcggt tatatcacta ttctcaaaca ctctggaaa cctaaacatg gaagcagagc 360
anatcaaaga agggttcaaa tgtggtanan aagaataaga ttgattttgt caagttttga 420
agctaaatac aattgt 436

<210> 6380
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C5
<400> 6380

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accacaaaaa aaaatcgaaa ctttattttt gcttgatgaa gagcaaaatc caccaccagc 180
ccaatggtag caacaatggg gttgtttcaa gtaacgataa tggctgccga agtgagtctc 240

caagcccacc tttatctcca aaccgccgtg tcttccgtcg tcaacggcgg caaactttac 300
tcagagcttc ttctttctct ctccggagaa atcttcgtta cttgcttctc cttcctatga 360
tttacgcttc tggggcttct catgtgtgtt ggctcttctc ctggctctgt cggatgggtt 420
tatgttcccc ggtcngttta acgggggccc cgaga 455

<210> 6381
<211> 461
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C7
<400> 6381

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tctccaattt cgctcacttg tgtcagattc tacgtcgatt tgtgggtcaa gtaagttcac 180
cggaaaaaac agaagagtat cggttaccgt ttccgccgcc gcaacaactg aacctctcac 240
cgtcctcggt accggtgccg gtggaagaac aggacaaatt gtgtataaga aattgaagga 300
gaggtcngag cagttcgtgg caaggggttt agtgaggaca aanggagatt aaggagaaga 360
tcaatggaaa ggatggaatt atccattggg ggatataana gaatactgca tcaaattggc 420
nccngcngtt gaaggggatt gatgctttgg gcaatcctaa c 461

<210> 6382
<211> 438
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB23-002-Q1-E1-D12
<400> 6382

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tctgtctcaa tcagacgttc aatttcaggt ttgcatgg acaggaagat aaactttagg 180
gtccgctcgc aattctcgat ccgagctcaa cagtcggatt tgaaggaaaag cttagctgtg 240
tcttcttcat cagtagagga taaaggaaat gttcttagaa tcaaggaaatg ggaagtagag 300

atgtatcagg aggaattaag ctattaagtc aaggtattag gataaggaga aaaccaccaa 360
gtaaggccct ttgggatact ccggaccatt tgagttgaga atgcataaca atgaagccga 420
atcccccccg taatatcc 438

<210> 6383
<211> 511
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-D4
<400> 6383

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agaggtacca aagtgaagtt caaggagaaa gaagagatgg aaagactgac tacaggggcaa 180
ggatccgtct tatcaaccaa gacaagaaca agtacaatac tcctaagtat cgttttgttg 240
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ttgttaaagc ttctgcttac gcacatgaac tgccctcagta tgggtctcact gttgggtccta 360
caaaactatgc tgcagcttaa ctgtactggg cntcctttgg ntccccgtgt tttaaaaaat 420
nttgggaaat tgggtngncc aatttttnag ggnaancntt taagggccct gggngaaaaa 480
cntttccngt ttagcccaaa cggaattcaa a 511

<210> 6384
<211> 466
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-D5
<400> 6384

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ccgcttcacc tgggaaaaaa cggataaca tcgctctgct tccccggagac ggtatcggtc 180
cagaagttat ctctgttgct aagaatgtgc ttcagaaagc tggatctctc gaaggactgg 240

aacgcttctc tgaagaagaa tcagaagaaa ccgagaatac gacgaattca tcaaacgcgg 300
tattcggatt ccctaactta ccagaagaac cgaatcgccg atatgggatt aaagcgTTTT 360
gttgcanaaa ccgggggttc ggattaccan atgggggnaa gaattccggg gaanntttcn 420
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<210> 6387
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C2
<400> 6387

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taacactgtc cgcactggcg gaaaggggac agtaagaaga aagaagaagg ctgttcacaa 180
gaccactaca accgatgaca agagggtcca gagcactctt aagagagttg gagtcaattc 240
cattcccgcc attgaagaag ttaacatttt taaggatgat gtagtcattc agttcattaa 300
ccctaaagtt caagcttcaa ttgctgctaa cacatgggtt gtgagtggta caccacagac 360
gaaaaaattg caaggacatt cttcctcang attatcangc caacttggnc cagataactt 420
ggacaacctg aagaagctag caagagcaat tccaganaca aagctccaag tgnagggt 478

<210> 6388
<211> 446
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-A4
<400> 6388

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tttgaagtac acagaaggcc tttgttgggt catgcattac tacatggaag gtgtttgctc 180
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 ggtgttccca gctgcaagtt cgcattgact tccagagcgc tacaggacct tgatgacaga 360
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 acgtttttcc tggcanggta attgct 446

<210> 6389
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-E1
 <400> 6389

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 ggcgccacca ccgcggaatc cgcattccagc gacttnactt aatgcgaact ctttaccgcc 180
 ccctttcctt agcaagacgt atgacatggg ggaagatccg gcgacggacg cgattgtctc 240
 atggagtcgg acgaacaata gcttcattgt ttgggatcca ccggagtttt ctctgtatct 300
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 tggtttttagg aaagtggatc caagatcgat gggaatttgc caatgaaggt ttcttaagag 420
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<210> 6390
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-001-Q1-E1-A10
 <400> 6390

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 ccggctactc aaagatcatc cccatcggag aatctttctc tccataggaa aatgtcgtct 180
 aattccctga ggcattgtcg gtccatgtcc cagctaccct cagggtgccg aaagatctct 240

caattaaacg ccgtcgtggt aggagaatcc cttgcatcgg aggagaatga tctcgtcttt 300
cccagcaagg aattctccgg ccaaggctct tgtttcctcc cctcaacaag tacatggaaa 360
tgcataagan gtccatggat gaccctgctg cttttttggg ccgatattgc gtctgagttt 420
ttactgggaa gcaagaaatn ggggtgac 448

<210> 6391
<211> 466
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-001-Q1-E1-A12
<400> 6391

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tcttctcac ttcacgatt tctccacaga cgctgtttct ctatccacgc gccttagccg 240
gcgcgtgect ctctccatac cttgcgtttc gtctccgatg gatactgttt cggaatctca 300
catggetgct gctatggctt ctcttggtgg ggattggaat cgtccactat aactgtggga 360
atcgccgctc aaagcatccg anttaatccg ccaaagctaa ngtcgcntaa acatccgatt 420
gntccgaac gccgggtggt aaagttcccg ggagtatgag aattac 466

<210> 6392
<211> 477
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-001-Q1-E1-A3
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ctttcgccgg aaatgctctt tccggccaaa tctccgtcgc taactttctc tcgcatcaga 180
aacatcttct tattactcat cttttgtttc atcatctaca tcatcttctc ctacggcacc 240

aatttccgcc gtgaacagat ttcatacaatc gctcgatcgt tatctgtgtt ctccactcgt 300
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 tacgttcgtc tctggtantc tctgaatct acnngcgccg tcgtgtttct cgatcgcggt 420
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 aagaatcctc aaacggagat gatgatgatg ttgcttcac gcgtgagaga atcatttttag 180
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 ttcgtagctt actggagtca cgtgaggaag gtcgtcctcc tgcgtccaag gcttccatcg 300
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 <213> Arabidopsis thaliana
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 tcccttcgag ctcgaaaccg ggtttgttcc tcttcatatt agccttatga tgtatgactc 180
 tgtgttctct aagttttgga gttaaactcat taaggtagat tgggtgttggg gaggaagatg 240

aagatcaaat gttctactac ttcatacaat ctgagagcaa tccaaaaaca gaccctcgtc 300
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 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6395

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 tatcaaagag acaatcgatc actctttagg gcttccgata tccatggacg ttctccagaa 180
 aaagctctac acggcggaag aatctcagcg tcgtctccgt gaacagtatc tatctctggt 240
 ttcgagattg aaagagaaaag aaaaagtaat cgatctcggt agatccgaag cgagtatgaa 300
 tgcccagtcg ctgaagaaat tcgtcgaaga gaatcagaaa ttgggaagcg agcgcgagga 360
 tttggtgaat cagtgtgaaga agtgggaaaa agaatgcttt ctttatcatc aagatcgtga 420
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<210> 6396
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6396

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 cgtttaataa tagggacact ccagaggatg cgtgtattta atgttgagaa cagagatact 180
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gagaggggtg tgctttgcct gaagagggca caaaggattg caagatgctg ttcaacaaat 360
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tgaacaagta tctctacntc ctggagaaa 449

<210> 6397
<211> 475
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-001-Q1-E1-B10
<400> 6397

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ttcatcggtc tgcgcgcct cgcacatcgt ttcaccttcc tcagaatctc tcttcccgtc 180
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taatgatctt cctgcgcca aatcaaccac taccacgtat tatgatcatt ctaatgatgc 300
ttggttcaaa aaccgagtc ctgaatccga gacggtgaaa tcttccagta tcaaatttaa 360
agtgggtcct gcttacctga atcgtaagg tttacgtccg aagaatccaa gangattttg 420
gcgatgggtg gtgctttccc gggagattca tcttctcaa gtatctct cctta 475

<210> 6398
<211> 469
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6398

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agcaagaatg ttaatccccg aggagaatcc gtctcttcaa tacaagttgt cgagaagaat 180
gaaaagggtg tgtctttgag gaagagaaga ggctttatca actttgagga ttacgaagat 240

gaggaagatg aagaagctag tggcgggtgga ggccgtatta ataaagggaa aaagaaagcg 300
 aaaaagagcg gtggtgggtt agaggaagga tcacgggtgca gccgtgttaa cggtagagga 360
 tggagatggt gtcagcaaac gcttgttgggt tattctcttt gtgagcatca tctcggtaaa 420
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<210> 6399
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
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 ttttgtctac tatataccta gatatatagg tttttttgtc cttctctttg gatcatttcc 180
 acgacgaaac ggagaagagg ggacgatttt gccagccaag aaacaaagaa ttgttaagga 240
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 aagcaaagct tccaatagga acgttaacga aaccaaacct cttcatcatc tcttcccaaa 360
 tctcaaacct ccgatgtctt tgctttctct ccgtctcttc cgccgccaca acatccaaaa 420
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<210> 6400
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
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 tgatggcata ccttgacaac gccttggtggg acacccact agaagtggaa gccatgcttg 240
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atgagatcaa tttcatgctg gaaggagact tttgaagtga tcgatgggtc cttagtttgt 360
aaataaagct gtgttggtt ttgctgttgg gggatggtag aagtcacacc tcaaagctcc 420
aagcattggt atcctcatga acctctctc caataagana agttcccctt taaattttg 479

<210> 6401
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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cattgttgta atttcaaaac ttcataagaa tttctctgat aataaagaaa aagctggagt 180
agaactatct taaagtgtca tcatgaagag actaagcagc tcagattcaa tgtgtgggtct 240
aatctccact tctacagatg aacagagtcc aagagggtac ggaagtaatt accaatctat 300
gcttgaaggt tacgatgaag atgctacact aatcgangaa tattccggna accaacaaca 360
catgggtcta tcggagaaag aaagagaaag aataaaaagt tgancaagtc aaagctcctg 420
agaaagaatt ccgaacttga gaataaaccc aaact 455

<210> 6402
<211> 485
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB23-017-Q1-E1-D7
<400> 6402

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cggcttcaag ctgtgaatcg gaagttgacg gcaatgaaca agctcttgat ggaggagaat 180
gacaggttgc agaagcaagt gtcacagctg gtccatgaaa acagctactt ccgtcaacat 240
actccaaatc cttcactccc agctaaagac acaagctgtg aatcggtggt gacgagtgggt 300

cagcaccaat tggcatctca aaatcctcag agagatgcta gtcctgcagg acttttgtcc 360
 attgcagaag aaacttttagc agagtttctt tcaaaggcaa ctggaaccgc tgttgagtgg 420
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 ggttg 485

<210> 6403
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-001-Q1-E1-E11
 <400> 6403

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 gttcaggaaa tggctcatat agccaatggt catgaacctg gaaactgtgt ctccttgctc 180
 cgagtcaata gtggaaactc gagccagagc aacatgttga ttctacaaga gagctgtaca 240
 gatgcacag gatcgtatgt gatttacgcg ccagtggata tagtggcgat gaatgtgggt 300
 ctaagcggtg gagatcctga ttacgtggcg ttgttgccgt ctgggttttg ctattttacc 360
 ggatggttcg gttggaggag gagatgggaa tcagcatcag gaaatggttt ctactacttc 420
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 ttccc 485

<210> 6404
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6404

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 tctcagcctg aaaacaaggt atgtgtcgat tgcgctcaga agaatcctca atgggcgtcg 180

gtttcgtacg gaatcttcat gtgtttggaa tgctccggga aacaccgagg cttaggcggt 240
cacatatcct tcgtcagatc cgtaaccatg gattcatggt ctgcatcca gattaagaaa 300
atggaagctg gtggtaacga acggctcaac aaattcttcg cgcaatacgg aatcgctaag 360
gagacagata ttatctccaa gtacaattcg aacgctgctt ctgtgtatcg tgaccggatt 420
caagctttan ctgaaggtaa a 441

<210> 6405
<211> 456
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-016-Q1-E1-A7
<400> 6405

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tccagaactg aatgcatctc aggttaatgc ggtgaaaagt gtccttcaga agcccatcag 180
cttgatccaa ggtccacctg gcacaggcaa aactgtgact tctgcagcaa ttgtgtatca 240
catggcaaaa cagggccagg gacaggttct cgtttgtgcc ccaagtaatg ttgctgtgga 300
ccaactagct gaaaaaatta gtgctactgg gttaaagggt gttcgctttt gcgcaaaatc 360
aagggaagct gtaagttctc ctgtagagta ttgaccctt cactaccagg taagacatct 420
tgacacatct gaaaagagcg aactgcataa gttgca 456

<210> 6406
<211> 457
<212> DNA
<213> Arabidopsis thaliana
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<400> 6406

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acgaagagat ggttcaattc atggaacagc tcgtaagtgg agctacaccg gccgggtgagc 180

tgaccgtaga agagaggaat cttctctcgg tcgcgtataa gaacgtgatt ggatctcttc 240
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 aacacgtgtc gcttggttaag gattacagat ctaaagttga gactgagctt tcttcgatct 360
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 tccaaaggtt tttaactgaa gatgaaagga gattatc 457

<210> 6407
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-019-Q1-E1-F8
 <400> 6407

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<210> 6408
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6408

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cacgtgctca cgctcagttc ggtaataaat gggcgacgat tgctcgtctt ctcaacggtc 240
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acgaccatcg gggttacgat ggttcggagg atcatcggcc ggttaagaga tcggtgagtg 360
cgggatctcc acctgttggt actgggcttt acatgagccc aggaagccca actggatctg 420
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gc 482

<210> 6409
<211> 415
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C8
<400> 6409

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tgcttccgcc gccgacgact tctgggggttt ctattccacc tccaaactcc atcccaccaa 180
ccaagttaac gtgaaagagg aggcagtga gaaggagcag gcaacagagc cgggggaaacg 240
gaggaagagg aagaatgttt atagagggat acgtaagcgt ccatggggaa aatgggcggc 300
tgagattcga gatcacgaaa aggtgttaga gtttggcttg gtacntcaan acgngggang 360
gaanctgcaa tggnttanga gtttccggca acaaattcg ttgggaaaaa nccaa 415

<210> 6410
<211> 447
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-017-Q1-E1-C1
<400> 6410

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actccatccc accaaccaag ttaacgtgaa agaggaggca gtgaagaagg agcaggcaac 240
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gttcaacacg gcggaggaaa ctgccatggc ttatgatgtt tgcgggcaag cagattcgtg 420
gtgataaagc caagctcaac ttccana 447

<210> 6411
<211> 505
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-021-Q2-E1-G1
<400> 6411

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cccctaaaaa gagtagagct ttcgtgaagc caccatgtgt ggaggagcta taatctccga 180
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<210> 6412
<211> 459
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-022-Q2-E1-H5
<400> 6412

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ctaacgagtt tatctggccg gatctgaaaa acaaagtga agcttcaaag aagagatcga 240
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<210> 6413
<211> 469
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<210> 6414
<211> 425
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-123-Q1-E1-B8
<400> 6414

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tagggtttcg attatcatgt tctctagctc caacaagctt catgagtata tcagccctaa 180

caccacaacg aaggagatcg tagatctgta ccaaactatt tctgatgtcg atgtttgggc 240
 cactcaatat gagcgaatgc aagaaaccaa gaggaactg ttggagacaa atagaaatct 300
 ccggactcag atcaagcaga ggctaggtga gtgtttggac gagcttgaca ttcaggagct 360
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<210> 6415
 <211> 402
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-029-Q1-E1-F4
 <400> 6415

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<210> 6416
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 <212> DNA
 <213> Arabidopsis thaliana
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<210> 6417
<211> 320
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-017-Q1-E1-G11
<400> 6417

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caacagagtg gtgacgttct caaagaggag gaatggattg gtgaagaagg ctaaagagat 180
cacagttctt tgtgatgcaa aagttgccct cataatcttt gcaagtaatg gtaagatgat 240
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ttgtttgatg gaagctttaga tgggttaggg tttggctctc tagttccac tgagagcgag 180
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ggagacacca cctctgttct caaatcatgg tggcaatctc attctaagtg gccttacct 360
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<211> 401

<212> DNA
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 gctcacgggtt ttgtgtgatg ctagggtttc gattatcatg ttctctagct ccaacaagct 180
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<210> 6420
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 tctaatacgcc gcagcttttaa taaatggaga ctttcctatt cacatctgag tctgtgaacg 120
 aaggacaccc tgacaagctt tgcgaccaga tctctgatgc agtccttgat gcctgccttg 180
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-015-Q1-E1-D12
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tttgcgacca gatctctgat gcagtccttg atgcctgcct tgagcaagac cctgatagca 180
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tctctgacga tgttgggtctt gatgctgaca aatgcaaagt ccttgttaac attgaacaac 360
agagcccaga cattgctcaa ggtgttcacg gtcacttcac aaacgtccag aagac 415

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<213> Arabidopsis thaliana
<223> Clone ID: LIB24-047-Q1-E1-C11
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aaggacacccc tgacaagctt tgcgaccaga tctctgatgc agtccttgat gcctgccttg 180
agcaagacccc tgatagcaaaa gttgcttgtg agacatgcac caagaccaac atgggtcatgg 240
ttttcgggtga gatcaccacc aaggctacga ttgactacga gaagattgtc cgtgacactt 300
gccgttccat tggattcatc tctgacgatg ttgggtcttga tgctgacaaa tgcaaagtcc 360
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tccgacgcta tctcgtatgc ttgccttgaa caagaccctg agagcaaagt tgcttgtgag 120
acttgtagca agactaacat ggtcatgggt tttggagaaa tcaccaccaa ggctaacggt 180

gattacgagc agattgttcg taaaacatgc cgtgagattg gattcgtctc tgctgacgtt 240
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 aagttgcttg tgagacttgt accaagacta acatgggtcat gggtttttgga gaaatcacca 180
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<210> 6425
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 gatatccctc caacgtctga ggaacctacc acagagggtg agaagagccc tgttgctgag 180
 aagcaaggag gtgaggatga aaccctgaa gcaaagaaag aactcactgc ggaagagaaa 240
 gcacagaaaag aagctgaaga agctgaagcc agggagatga ctctagaaga gtatgagaaa 300
 attctggagg agaagaagaa ggctctgcaa gccacaaagg ttgaggaaag gaaagttgac 360
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 <223> Clone ID: LIB24-073-Q1-E1-C2

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 ccttatcgga ggaagaagcc atgggtagaa aaaaagtcga gatcaagcga atcgagaaca 180
 aaagtagtcg acaagtcact ttctccaaac gacgcaatgg tctcatcgag aaagctcgac 240
 aactttcaat tctctgtgaa tcttccatcg ctgttctcgt cgtctccggc tccggaaaac 300
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<210> 6427
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 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-122-Q1-E1-A6

 <400> 6427

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 aagccggctc ctctttctca agcagtgagg gagtcgagga atgctcctca aggaggtcgt 120
 ggtgggactg gtggacgtgg tggattttcc cgtggcaggg gtaatggtgg atacaaccgg 180
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 cttctgaag atgctgatgg agcaagccgt ggtgggtctg ttggtggata ccgtgttggc 300
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<210> 6428
 <211> 383

<212> DNA
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 ctgttgagct tcaactctgct gatggacttg gatagcacia gtcttgcttc aaatgcactc 240
 actgcaaaaag caggcttcag ctgagtagtt acacatcaat ggaagggtgtt ttgtactgta 300
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<210> 6429
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-031-Q1-E1-F8
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 caccggagaa gaacgtgagg aaagcttaca caatcaccaa gtctagagag agttggactg 240
 aaggagaaca cgacaagttt ctggaagctc ttcaattggt tgatcgtgac tggaaaaaga 300
 tgaaagatct tggttggttca aagacagtta ttcagatcag gagccatgag cagcaatact 360
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<210> 6430
 <211> 422
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-090-Q1-E1-D12
 <400> 6430

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cgatgacgca gaggatccca gccagattgt tgcgtctaag ccattgaagg ttgtggctcc 240
ggttcagact gctaagtctg gtaagatgcc gactaagccg cctcctcctt ctcaagctgt 300
gagggaggca aggaacgctc ctggtggaag tcgtggtgct ggacgttgag ggagttatgg 360
gcgtggtgga cgttgtggaa aca 383

<210> 6433
<211> 436
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-048-Q1-E2-E6
<400> 6433

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ctttcgattc agtcggaccg gaaaaacaat ggcgtctgtg aaccctttcg atctcttgga 180
cgatgacgca gaggatccca gccagattgt tgcgtctaag ccattgaagg ttgtggctcc 240
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gagggaggca atgaacgctc ctggtggagg tcgtggtgct ggacgtggag ggagttatgg 360
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aaacggatat ggtgga 436

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<211> 371
<212> DNA
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aggagaatca ggagaagatt atactcaaca agcagctgcc ttacttggat ggcaacattg 300
tcgagatttt ggagatgagt ccagaagatg atgccgagga aaatggtgca aataatgatc 360
ttgactcgca a 371

<210> 6435
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<213> Arabidopsis thaliana
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<210> 6436
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<212> DNA
<213> Arabidopsis thaliana
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cttccgcgcg atctgcagcc gcagcctcgt ccgccgcgcg cgcctctgtg gctgccgcgc 180
ctcccgctgt gctgaaaccc gtctatgacg aggttgtggg ggccggacgac gggatcacgg 240
acatcagacg tagtgtacag ctgcaggatt gcagacattc tttcttgacc tccgatggga 300

gcctcactgt tcatgccg

318

<210> 6437

<211> 417

<212> DNA

<213> Arabidopsis thaliana

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<210> 6438

<211> 282

<212> DNA

<213> Arabidopsis thaliana

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attcagcaac ggaaaaagta ctgctgaaga tcgtcacaag gtgtccacag atcgcagggc 240

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<223> Clone ID: LIB24-112-Q1-E1-A6

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<210> 6440

<211> 442

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-F3

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gctgtacct cgtctgcatc tgcggtttct tccgcgcgat ctgcagccgc agccctcgtc 420
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<210> 6441

<211> 408

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-123-Q1-E2-F8

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<210> 6442
<211> 428
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-127-Q1-E1-E2
<400> 6442

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<210> 6443
<211> 421
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-123-Q1-E1-F8
<400> 6443

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<210> 6444
<211> 406
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-066-Q1-E1-C11
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<210> 6445
<211> 380
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-092-Q1-E1-B4
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aagaagtcca gcaatagtag ttccttattt tacgaagcta ctctctgtta cagcattgat 300
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<210> 6446
<211> 328
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-131-Q1-E1-H2

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gatcttcatt tatatataaa agcgtgaatg agattatgat ggagtcgaaa ggtggtaaaa 240
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<210> 6447
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-095-Q1-E1-F11

<400> 6447

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ttcatttata tataaaagcg tgaatgagat tatgatggag tcgaaagggt gtaaaaagaa 240
gtccagcagt agtagttcct tattttacga agctccctc gggttacagca ttgaagacgt 300
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 gcgagatggc cttatctgca atcgggttcg aagggttacga gaaacggctc gaggtgactt 300
 tctttgagcc aagcatcttt caagactcca agggactggg actccgtgct cctgacaagt 360
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 aagtccagca gtagtagttc cttattttac gaagctcccc tcggttacag cattgaagac 300
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 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-006-Q1-E1-H8

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aaaggggttt ctggaaacaa ggagttcata attcgcgac ttgatctatc gatcttcatt 180

tatatataaa agcgtgaatg agattatgat ggagtcgaaa ggtggtaaaa agaagtccag 240

cagtagtagt tccttatttt acgaagctcc cctcggttac agcattgaag acgttcgtcc 300

aaacggtgga atcaagaaat tcaaattctt tgtctactca aactgctcca agaggccatc 360

ctgagtacca gcgtgcaccg atcttcataa tatagttata gctttcttta ctt 413

<210> 6451

<211> 425

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-016-Q1-E1-F11

<400> 6451

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tgcattggaa tctttctggg atggtaagag cactgctgag gatcttcaga aggtgtctgc 180

tgatctcagg tcatccatct ggaaacagat gtctgccgct gggactaagt tcatccctag 240

caacaccttt gtcactacg accaggttct tgacaccacc gccatgctcg gtgctgttcc 300

acctaggtat ggatacactg gtggtgagat cggccttgat gtttacttct ccatggctag 360

aggaaatgcc tctgtgcctg ccatggaaat gaccaagtgg ttcgacacca actaccatta 420

catcg 425

<210> 6452

<211> 368

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-132-Q1-E1-A8

<400> 6452

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agatcctgaa agcaaagtgg cgtgtgagac atgcaccaag accaacaatgg tgatgggtgtt 300
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ggagattg 368

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<211> 412
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<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6453

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cggatttgcc aacaacagtg tcaaaatcag ctccagattt ctgcaatgtt tangtcattt 180
caaaaggcaa aattgcttca gtacgaaatg catcacgtcc tgctccttac caaaattcga 240
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atgaccatcc caattctgca ggtagtacac catctagacc gcgcaaata gttgaagcag 360
atagatngcc gttgggtgaa aaaggaagcc atatggggga cctccaagnt tc 412

<210> 6454
<211> 419
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-137-Q1-E1-H8
<400> 6454

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tcagtcacct acgaanagtc caacaagtgg ttgatecggc aacatctact taacctaatc 180

tcttcttacc cttecttaga gcccaaaacg gcatcgttta tgcacaacga tggtcgctcc 240
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 aatcccaacc gctgatagga tcancanggc gacctcacgc acatgttact cctttctgg 419

<210> 6455
 <211> 392
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-048-Q1-E1-A7
 <400> 6455

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 ttcggtcgtc tcgaactcga gctcgccgaa gttgagatgc ctggactcat ggcttgcgt 180
 accgaattcg gacettctca gccattcaaa ggcgctagaa tcaccggatc tcttcacatg 240
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 tgttctcgca acatcttttc cactcaagac caggccggcg cagccatcgc tcgtgactcc 360
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 <212> DNA
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 agtacgagaa gaaggtgtac gttcttccca agcatttggg tgagaagggt gcattacttc 180
 acttgggcaa gcttgagacc aggcttacia agctgtcaaa ggaccaatct gactacgtca 240
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tcgacaaagc gggttcaggtt cggatctact tgtgggtttg tgttgggttg tgggtgggaga 360
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<212> DNA
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<223> Clone ID: LIB24-101-Q1-E1-F5

<400> 6457

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tcgtctcgaa ctcgagctcg ccgaagttga gatgcctgga ctcattggctt gtcgtaccga 180
attcggacct tctcagccat tcaaaggcgc tagaatcacc ggatctcttc acatgaccat 240
ccaaaccgcc gtactcatcg aaaccctaac tgctctcggt gctgaagtca gatgggtgttc 300
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<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-113-Q1-E1-E1

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tgggtgatgtt ggaaagggtt gtgctgctgc catgaagact gctgggtgcta gagtcattgt 180
gactgagatt gatcccatct gtgcccttca agctttgatg gaaggacttc aggttcttac 240
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catcatggtc gaccacatga ggaagatgaa gaacaacgct attgtgtgca acattgggtca 360
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catcaagcca cagactgac 439

<210> 6459
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 gtcgtaccga attcggacct tctcagccat tcaaaggcgc tagaatcacc ggatctcttc 240
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-048-Q1-E2-A7
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<210> 6461

<211> 426
 <212> DNA
 <213> Arabidopsis thaliana
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 <400> 6461

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 ggacctttct agccattcaa aggcgctaga atcaccggat ctcttcacat gaccatccaa 240
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 aacatctttt ccaactcaaga ccacgccgcc gcagccatcg ctctgtgactc cgccgctgtt 360
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 tgggggt 426

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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-064-Q1-E1-F8
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 acaattgcc aataacgggt taatcagaaa accaaacgaa gaaccaaagc ttgggtcttt 180
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 cagctacctt ctcatccaag tgtttaggca aaacatagac cttcttctca tacttcccgc 360
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<210> 6463
 <211> 277
 <212> DNA
 <213> Arabidopsis thaliana

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 tacat 425

<210> 6468
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 gantaacttt gatgccgntg atactaggga cccgggatnt agagnaacnc cttgaacccg 420
 tatgggggaa a 431

<210> 6469
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6469

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 tatattaatt atttaacggc cctagggctt cttttatgtt ttgtctactt aacactttca 360

ctataaatcg tcgagcattt tattctctca aaaaaaaaaa aaaagggcgg ccgctcctag 420
aaggattcaa gcttacgt 438

<210> 6470
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-B12

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taccacctcg cctcatggga tnccaaaacc gactgttgct cttgggtantg cctcgagtgc 180
ggcgacgcta ctgtcaacca ccgtgtcact tccctaataca tacaagacgg cgagatctcc 240
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<210> 6471
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-136-Q1-E1-B7

<400> 6471

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aaagaatgta tacttgcagg acaatgtgga ttctgaaggg catcatgggtg aacgcacacg 240
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<210> 6472
 <211> 403
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-B8

 <400> 6472

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 ctgggtttta ttttcgattc aatcttcata tccttgatcc acagccatga ctgagtattg 180
 ggtaagtcaa gggaacaaat ggtgtgaatt ctgtaagata tggatacaga acaatccaac 240
 aagtattaga aaccatgacc ttggtaagcg tcaccgagaa tgtgttgata agaagctcac 300
 tgatatgcgt gagaggagtg cagccaaaga caaagagctc aagaaaaacg aaaaactgct 360
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<210> 6473
 <211> 462
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-B9

 <400> 6473

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 aacatggagc catgagggtt ttatatcggg taaaccgttg aaagtcgaaa actggatact 360
 tccagaaatg ccggggctaa tcaccgactt cttgatctcc ctcgatgacc gatttattta 420
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<210> 6474
 <211> 416

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-C1
 <400> 6474

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 caataattcc gtctacatct tcgatgatcc gtggaagaac cgcgaaagta attcccagaa 180
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<210> 6475
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-136-Q1-E1-C11
 <400> 6475

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 cacagtggag gagtgcattg agggcattat tatgctttta ttaggccaac actttcagat 240
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 gagcaatatg gtggtgaaga agagttaccg cagaataatc ctgggttcaa taatccacct 360
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<210> 6476
 <211> 399
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<211> 460
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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atcgtagccg tccgatcaac aagtaccatc tcttgaaata ctcgaaatcc tcataagtcc 180
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<210> 6478
<211> 418
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-136-Q1-E1-C9

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gtttgatgaa gaaggtacac gaactctcga ctctttgtgg catcactgca tgtgcgatca 180
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tggtttcaga atttaggaca ctcccagaga tggatcaaca caaaaagatg gtagatcaag 300
agggttttct caaacaaga atcgcgaaag cgacagaaac tttgaggaga caaagaaagg 360
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<210> 6479
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-D1
<400> 6479

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taataacaat caatccaaca acgaatggag attgaagaag cgagtcgtga aagtggacat 180
gttgtgtgcg gatcatggat tcgtcgcccg aagaaagtaa actgggttct tatcgctaaa 240
gcttccaaac gccgtggctc atctgtttct tctctgctc tctcaacat cttctctttt 300
gacccatta ctgcttctct ttctctctct cctttggcaa cacacacgct taaggatagt 360
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<210> 6480
<211> 391
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6480

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tggttggtgt ccgatgtgaa gagatttgtc tctcgggagg tttgggtcga caaaagatga 180
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 ttcgtgctcc ttccaagatc ttctggcgca ctgttcgagg gatgattcca cacaagacca 300
 agcgtggtgc tgctgcactt gctcgttga aggtttttga gggaaatcca cctccttacg 360
 acaagattaa gagaatgggtt attccccgana g 391

<210> 6481
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-D9
 <400> 6481

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 ggtcctctggt tgatcaatca tgtcgcgtat cattcaggta gaggtaatct catcggttgag 240
 taccaggat ctgttcccggt aaagatcttg tctttcgtcg gaatgcatat ggacgtcgtc 300
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<210> 6482
 <211> 404
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-E1
 <400> 6482

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 tctgcgctta tgatgggtaca cagagtgtga gtatggggat ccagtcagtt gtagacgatg 180
 gaacatcggg tctttttaaac caagcgatgt gcagtgttg cgaaatggca gccgtgtgga 240

tggagagcga attgactcag aatcaaacac aagaacgcat actcgcttat gctgctgagc 300
 tatgtgacca tatagcaacc canaaccaac aatcagcaat ggactgtggg aagggttctgt 360
 cgatgcctat aatcacattc ccaattgggtg gcaaaaagcc ttgn 404

<210> 6483
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6483

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 tagatttggtg ttgtctgctt tctcgctcaa atctatatga tctttaggga gtaattttct 180
 cgatggctgt tcgaatTTTT cgagaataga tccaaagaag ctcgctgcttt ggtgcaacta 240
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 acacagatgg attaccgacc ttctgatagt agtgggtaca gatgatgacc tgccctccatc 360
 tcatcaaggt agatatcaaa ngaaacggca agacctaacg gggaaatnga 410

<210> 6484
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-F6
 <400> 6484

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 ggcggccccgt gatgcgttcc cgaggatcac gactgagaag ggcggcaaatt ctccagggcc 180
 ggcagacgtc tgccaggatg acatcgacc gcgggtcaac tttcagacca tcgacgagct 240
 tcacagtctc cagaagaaac gatctgcccc taccactcct cttagagatg gcagcgccag 300
 cggagtcagc ggaactagtg gtccgactac tctgtctcc agcgagacca tgcttcaatc 360

CGTTCAGTGCA TCGTTGGCTT CGTTGACGAG AAGAGACAGG ACCGAAGTTA ATAAGAGGAG 420

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<210> 6485
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-F8

<400> 6485

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tcccaaccgc aataattagc ggtagaagcc gtgacaaggt ttatcagttg gtaggactaa 180
cagaacttta ttacgcgggt antcatggaa tggacataat gacttcttct gatgggtccga 240
attgtttcaa atccactgac caacagggta aggaaagtga atctgtttca gcccgcgang 300
agaattcata ccggttatcc gacgagggtt ttagaaccct tggtgnnaaa atgnaagata 360
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<210> 6486
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-F9

<400> 6486

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atctatcaga ctctaactgt tantgttggg gtttttcta gctgtcggca agacactatc 360
tttaggactg ctaaggggaag ttttagaggtt acacaagttg actttttctn 409

<210> 6487
 <211> 404
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G10

 <400> 6487

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 aaaggacaag aaatgccatt aacggtgcta ggagaagctc cagagacatg tgagatatat 180
 gttgtttgta aagatagaat cttaaccaa tgcacgaatc agtttaccgc agattcatca 240
 tctagtttcc gtataccaga aggagctgaa gcttatacag aatctttcag tcgcacacgc 300
 tctgataaga caggggtgtc tgcttcatct ataacatctt caggcaggat gagaattgga 360
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<210> 6488
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
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 <400> 6488

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 ccggcggctt ttgagatagg cagcctccgc gacaaccgag ataccggtgg atccggtgga 180
 aaatgattca acagcaccgc caaaaccggt gagaatcacc tgtccaacag tcgccggaac 240
 ttatcccgtc gttttattct tccatggctt ttatcttcgc aactacttct actctgacgt 300
 tcttaaccac atcgcttcgc atgggttacat tcttgtagcc ccacagttgt gcaaattatt 360
 gccgccggga gggcaagtgg aagtggacga tgctggaagt gtgataaact gggcatcgga 420
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<210> 6489

<211> 422
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G2

 <400> 6489

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 aaatgcattt gatatggctc attgttcaag atgtcttatt ccctggacag aatttggtgg 180
 aatctattta cttgagattc accgtatagt tcgacctgga ggtttttggg ttctttctgg 240
 tccacctgtg aactataata gacgatggcg tggatggaac acaaccatgg aagatcagaa 300
 atctgactac aacaagcttc agtcacttct aacctccatg tgtttcaaaa agtacgctca 360
 aaaagatgac atanccgtgt gggaaaaact cccaagacaa tccttgctat gacaaaatcg 420
 ct 422

<210> 6490
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G4

 <400> 6490

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 cctctggtat tctctgcatg ttcacttttt gttctcgact gtgggttggg tattccaacg 180
 gcactgttca agtatgggac cttgagggaa agctgcttgg tggattggta gctcatagtg 240
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 gtattcgtgg atggaatggt acttctcctg ggccccttga caatgtactg cgggccgagt 360
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<210> 6491

<211> 400
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G5

 <400> 6491

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 cgtaatccga gcgaaaacgg aaccgctcgga gaaatcagta gagattatga ggaaattctc 180
 cgagcaatat gtcgctcgct ctgggactta cttctgtgtt gataaaggag ttacttcagt 240
 cgttattaag ggtttggctg agcataaaga ttcatatggt gcaccgcttt gcccttgcag 300
 acactatgat gataaagctg ctgagggttg acaaggcttt tggaattgtc cgtgtgttcc 360
 aatgagagag angaaggagt gccattgtaa gcntttccga 400

<210> 6492
 <211> 399
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G9

 <400> 6492

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 ttggtcaaga agctgggcta acttgtaccc agaagatgac ctttctagaa agttgctcga 180
 ggaggtgaag aacagctact atttggtaag cttagtggac aacaattaca tcaatggtga 240
 tatcttctct gtctttgctt gatctccgag aaaaccaccg gcgaagagga aacattcgat 300
 ttcgagatgt gttttgtacc ttttaaagtt atttttgatt cgtaataacc ttactttgat 360
 gaatcaacaa aaacatcagt ttgattgcaa tnaaaaaaa 399

<210> 6493
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana


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tgctactctc aaagctcctc tttgggaaca tgtttccagg aagctattgg agttagggtta 180
caaacgaagt tcaaagaaat gcaaagagaa attcgaaaac gttcagaaat attacaaacg 240
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tgaagctctc aacactactc ctcctttctca tctcagct nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nngatgggtca tgagctcgga acaatcatca ttacatcatc 420
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<210>      6496
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<400>      6496

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gattgtgtca attgtctcat cagggtttgcc aataacaaag cttcaagacc ggataagcct 360
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<210>      6497
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<213>      Arabidopsis thaliana

<223>      unsure at all n locations
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<400>      6497

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<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-136-Q1-E1-A6
<400> 6498

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gaagatctag aattacgtgc gaagcttggt atgttggtat tgcgttattt tgtcttagca 180
cataataaag gtcaatctga ccaaaagaca tatcagggtga gtctgttcat tgtttcctcc 240
aaatgaagct ttaaaattta gagcttaaca ccaattgaaa aataaactca catgaatttg 300
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gg 362

<210> 6499
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6499

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tgtcaaagcc atggaatttg aaagaggaag aggagggagt tgtgtttgat actggtggtg 180
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<210> 6500
<211> 481
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6500

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a 481

<210> 6501
<211> 405
<212> DNA
<213> Arabidopsis thaliana
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<223> Clone ID: LIB24-135-Q1-E1-D10
<400> 6501

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<210> 6502
<211> 411
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D12

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<210> 6503
<211> 394
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D2

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ggattcatgg agaagtgttc tagcattcgt caagttattg atgaagatat aaattcagtt 240
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ccctgaatcc tctatgaatg tcttgagact ccttagacgt caagggttcg atgcataacct 360
tgttggtgga tgtgtaaggg ganttaatac cgga 394

<210> 6504
<211> 418
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D7
<400> 6504

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<210> 6505
<211> 473
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-E1
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ttgagtggga aaagcaacat ggtctctgaa aanatcgatg tttactcctt tgggattgta 360
atgtgggaac tactcactgg tgaagaanca tacgcagaca tncattgtgc ttccaaaatt 420
ggaggtacat tgaaaaccgc attggtccan naaatccnc agtggggttg atc 473

<210> 6506
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-E2

<400> 6506

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agtaatcaac gacaccactg caatcttgca tatacattgt tcttgtgtat tccaccggtt 360
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<210> 6507
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-E3

<400> 6507

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agaaacagta atggacgaat atattgattt ccgaccattg aaggtaacaca gagcacaaga 180
cttcaatgac taaatacacc aaaaagtcac cggaaaaact ttccgggttg taaagtcatt 240
gaaaaagggt agtatttgtt atactgatcc tgacgcaaca gattcatcaa gtgacgaaga 300
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DO NOT WRITE IN THESE SPACES

<400> 6510

<210>	6511
<211>	472
<212>	DNA
<213>	Arabidopsis thaliana

<400> 6511

3194

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

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<210>      6513
<211>      448
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-135-Q1-E1-F4

<400>      6513
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3195

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 tcaacgctgt ggctgctgag gatttgattg tgaaaggaaa cagagttggt ggtgtggtga 180
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 tggaagcgaa gattgtggtt agctcttgtg gtcattgatg tccttttggg gctactgggtg 300
 ttaagangtt gaagagtatt gggatgattg atcatgttcc tgggatgaaa gctttggaca 360
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 <213> Arabidopsis thaliana

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 ggaggaaaaga ctcaaaattt agggcaaagc aaggagggtg atagtataa tgttgtaaag 180
 actaatactt gtttcgtgtg tgatgggaaa gacaattggg ttttggtatg ttacggagag 240
 gaatgtanta tagctantca tcagagttgt gcatctgatg aacctgattt cgatgaattt 300
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<210> 6516
 <211> 465

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<400> 6518

<210>	6519
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<400> 6519

3198

<210> 6520
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 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6520

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 ctttgctctt cgtagccgcc gtcgccggaa tctctgccgg agcttcaaaa gccaacgaaa 180
 aacgaactct atcnccgtcg tctcacgccg tgctaagatc ctcatgcagc tccacgcgtt 240
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 aagatgtcat cgaggcatcg gtgaacctaa caataaccgc ccgtggagca caattacttt 360
 caccgtgaaa gaanctgacg aagaaganga aagggaactga cgccgcgcga gaaagacggn 420
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<210> 6521
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6521

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 cactatcttc ggcgttttgc gaaatgcaac tgctctgttt cttttcttgg ctccctcgat 180
 aacattcaag agaatcatca agaacaaatc cactgaacaa ttctctggta tcccttatcc 240
 aatgactctc ctcaactgtc tctctctgc ttggtatgga ctccctttg tgtcaaaaaga 300
 caacacactt gtgaagcaca atcaatggca caggagcagt gatcgaaaca gtctacgtgt 360
 taatctttct tttctacgca ccaaagaang gagaaaatta agatctttgg tatcctctcc 420
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 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-B9

 <400> 6522

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cgccatggct tcagtgaact taggttcatt gattgttgn nnnnnnnnnn nnnnnnnnnn  180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngt cctataactc ttactaaacc  240
catctccttt cgatnaaaac gcaccgtttc atcatcttct tcaatcgttt cttcttccgt  300
tgttacaaaa gaagacaatc tacgccaatc tgaaccatcc tctttcgatt tcatgtcgta  360
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tgangccact caagattcaa ngaagggg                                     448
  
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<210> 6523
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 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-C3

 <400> 6523

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tgcatttgta ttanatectt ttctaaaact tttaaccatt ctttctccat tcccagttct  180
tagaaaagagt caagagcaat gaggaagctt ttcttgtagt ggtttatagt tgcaggactg  240
gttcttgga atgaggcaaa tgggtattta gagttcaatg tcaactgaatt agatcgcant  300
gaggatttaa gagtttggtt tcgccaatt cagttccaat ttcaatcnan naatgggttg  360
tctcacactt aacagaggag ctggttctaa angagctggt tgtttggatg gtacattgnc  420
tgggatatca cttacatccg tggacatgga tctggagcca aata                                     464
  
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<210> 6524
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6524

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 cctcatcgta nagagagaaa cacaccaacc attgttacac tctaagagaa gagaagagag 180
 aaggaaaaat ggacggtgta tcaccaaagt ttgtgttgcc ggagacattc gacggcgtga 240
 ggatggagat cacaggccaa ctaggcata tctgggagct tgtaaaagca ccaatgattg 300
 tccctcttct tcaattagct gtttacatct gtttgcttat gtctgtcatg cttttatggt 360
 gagagggttt acatgggaat cgctcatcgtc ctngtcaaa actcttctgg aaaaaaccaa 420
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 tttcccc 487

<210> 6525
 <211> 432
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6525

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 aggtgccaat aaggcactta ttgctgcaga gtatgcgggt gtgaagatcg aggagtccgc 180
 anactttcag atgggcgtca ctaacaagtc acctgagttc ctttaagatga accctattgg 240
 naangttcct gtgcttgaga ctctgaagg tcccatattt gagaagcatg ccattgcccg 300
 atatgtganc cgtangaatg gtgacaactc ctttgaatgg atcctccctt attggaatac 360
 gctcacattn accantgggn tcgaatttcn ccncattggg agattganng ctaacatggt 420

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432

<210> 6526

<211> 414

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-134-Q1-E1-D10

<400> 6526

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aagatcttcc ttttctccaa ctacatcctt ctggcgctg cttcaagttg tatcttcttc 180

acactctctc tccgtctaata ccttccatc tgcggattcc tcctcatcct cctccacgcc 240

accacaatcg ccgcccagc ctcaggctgc gctgctgcat cttgcggaag aaaccggttg 300

tacgccgctc acatggttgc aactgtgctc actgctatat tccaaggctc tgtctctgtt 360

ctcatcttca ccaacacgct taaattcctc cggaagtcct aaatcctaag gtgg 414

<210> 6527

<211> 433

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-134-Q1-E1-D2

<400> 6527

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gagtgttctg aagttgactt taatcctgaa agaagaagga tatgctttta ctgaagttat 180

catgggaagc actttttgtg gagtttacag gagtgtctat gccgttgagc tattcgagga 240

tgcgtttgat ctgccagtcg ttccttggtta cctttttcgc ttttgcaagt tctttcttac 300

ttgccttgct tttctctcgt tcatgtanta cttgatgcaa agtcttgaaa ctttcccgat 360

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ctgatgtaga ang 433

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<210> 6528
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-134-Q1-E1-D3

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tcgaaagtta tcatcactgc accagccaaa ggtgctgata tccctaccta tgttatggga 180
gtcaatgagc aagactatgg tcacgatgtc gctaacatta ttagcaatgc atcttgcacc 240
accaactggt tggcaccttt tgctaaagtc ttggatgaag aatttgaat tgtcaagggg 300
acaatgacaa ccacacactc ctacaccgga gaccaaaggc ttctagatgc atcacacagg 360
gacctaangc ttcaagaacc gcaacactga acatantgcc caacaacaca aggagcaacc 420
aaaggcgtgt cattaatggt tgccccaact gaanggtaaa cttaacgg 468

<210> 6529
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6529

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ttgatcgatc tctcangtta cttagaaggg cacaagaagc cgatgggatc agattggacc 180
aaagacatgg gaaggctcga gtganagttg gaagagtttg gcgtcatgct catgatggat 240
ctcatcacnt tgttgaatgg aatgtnagca tcagtcttct cnetcactgt ctctcttctt 300
aacgtcttga tgataactct gatattgtcg ccacagatac cattanaaac actgtttatg 360
tgaaagccaa ggaatgtgga gatcggctct ccggtgggag gaanttgcca tacntattgg 420
ggaaaacact tttgcenc 438

<210> 6530
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-G5

<400> 6530

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 ttctctgaag aagtctctgt tcttgatggt cactttgcta ancttggttt aagcagtgtt 180
 gcctacttga tgggcaatga cgatgaaacc aatgaaatgg catgtttact ctgcttcttc 240
 tgccaacagc aacaacaaga acaatgtcta nacgcttgag atgtgtatga ctgggtctaga 300
 caaagacaag gcattctgtct tctacaagaa cgagtcaagc tctgctgggt ctatgactga 360
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<210> 6531
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
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<400> 6531

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 cccgtggagc caatactctt cagcgacgcc tcgttctcgt ttcttgcagt actggagagc 240
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 aggatgtcgc gaatgtcgac tggttcgtata acatgactcc tgaggagctc aacattaaga 360
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<210> 6532

[illegible]

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<223>      unsure at all n locations
<223>      Clone ID: LIB24-133-Q1-E1-H3

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<210> 6534

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<223>      unsure at all n locations
<223>      Clone ID: LIB24-133-Q1-E1-H5
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<212>	DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-133-Q1-E1-H6

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tatatcacag ccgttggtgg aagctacgac actgttttcg gttacggatc agcgttgatn 180
aagtcattac tcttcaaaac ctcttatgga angaacctct ccaatccttg gtcacacgac 240
attactangg aatccagctg ggaaagaatt catgctcgag tccaaatatg gaggaaagct 300
tcttggtttc catgngacgt tctggtgaag ctctgatgc cantggacct cacttctttg 360
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<210> 6537

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-133-Q1-E1-H7

<400> 6537

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agctcgcaa gaaacatccg tccttcagag agagatcaga gaacactgat ctaatagtgg 360
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<210> 6538

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-133-Q1-E1-H8

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cctgaacagt ttcggattct tcgtcaaaaag ggactgaat atccaggaac aggggaatat 180
gtcaacttcg acaaggaagg agtttacggt tgtgtaggat gcaatgctcc tctttataaa 240
tccaccacaa agttcaacgc tggttgtggc tggccagctt tctttgaagg aatccccggt 300
gccattaccc gaacgacaga cccagatggg agaagaatag aagatcaact gtgcaacatg 360
tgggtggacat cttgggtcat gttttcaaag gagaaggttt cgctactcca accgg 415

<210> 6539
<211> 480
<212> DNA
<213> Arabidopsis thaliana
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cgggtggattg agcgggttgtt ttttcttggg tcatgttggc caagttttgc tttctcgaaa 180
tcatgatggt ttgtcctgga aatgtttgga ttcttcagat tgtgagggaa caacttggtt 240
gggaattata atttgcgaga attccgaaac tgagatcaaa ttctctgata tttatgctgt 300
ggagtttgtt agctatggct tgggtgcatag tccaaagta ggacttagac atgccaaaga 360
atgtttccgg gaacgcttgt taaatactca agagatgtat cggttcactg tccacggatt 420
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<211> 424
<212> DNA
<213> Arabidopsis thaliana
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tcgtactggg ggtatccgta cactttccga tctgaaccga agatcagaac ctgattccga 120
tagtgactcc gatggacctc aagaatactt caccgggtggc gaaaaaagtg gtatgcttgt 180
tcaagatcct acaaaagaac caaaacacga tgatgttgat gaagatatatt aatcaagcaa 240
gacagctagg agctgtggaa ggacctcttg agcatccttc gagttctaga agctttacag 300
gaacaggaag attgctttct gggagaaagt gtgcaacggc tcttcaacag cctgagcctg 360
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ggga 424

<210> 6541
<211> 471
<212> DNA
<213> Arabidopsis thaliana
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<400> 6541

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gcttcactca ccgataccca gagaaagggtg gagccgattt gggcaatgga gacactactt 180
gtgactcata ccggacttgg cagaaagatc tagacgtgat ggaagagctt ggagttaaag 240
gctacagatt ctcttttgcg tgggtcaagaa tccttccaaa aggaaagagg agtangggga 300
atcaacgaan atggtattaa ctactacagc ggtctcatag atggcctgat cgcaaggaac 360
ataacgcctt tcgttacact ctttactgg gaccttcctc aatcattgca agatgaatat 420
gaagggttcc tggacagaac gatnattgac caattccaag gattacncgg t 471

<210> 6542
<211> 464
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6542

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ctgtcaatgt catcaccacc gaagtagagt tgactccact caacagaaac tgaaactggn 120
aagtttgaga cttttaagat gtcagaaaca gaatttaaag tgttgcttga gacattcaca 180
tttctgctg attctgctcc cttcaagagt tgtcatgcct cnaccatagt tgagggttgtt 240
aaagatcatt tcttggtgc gtatttcnga ggcaccaggg aaggagcacc tgatgtcaaa 300
atctgggtgc agcatttcaa ggatgggtcaa tgggattcac cggttattgt tgatgaagag 360
ccaggagtcc caatgtataa cccctgtctt gttcaaactt ccatctcatg anctccttan 420
tgttccacaa aatcnggcag gnggggtcaaa aaatgggaag tngg 464

<210> 6543
<211> 463
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6543

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ttgttagata ctccgaatct tgtatacttg aagtttactg atactgttgc aggcaagtat 180
ccgaaagtga atttggattc ccttggtgaa gtcatatcg atcttcgctt gttgaagcct 240
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tttataatgc gtatatgcaa tgtgaagact ctttatctat ctgccaacac tcttcaggta 360
cttacttaca gttgtgatgc tataccaata ttcaacaacc tgactcattt aaccatcgag 420
agtaatccga gagtangatg gcagtcagta ccgggcttgc tca 463

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<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-133-Q1-E1-G4
<400> 6544

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 agcagctgct ggaaaagtta ccaagttttg tcgcatttta aaccctgaac tcgctatcca 180
 gcacattctt ccctgtgtaa aggaattatc atcagactct tctcagcacg tcagatctgc 240
 attggcatca gttataatgg gaatggctcc agtcttgggt aaggatgcaa caattgagca 300
 tcttcttcca atctttcttt ctctattgaa agacgaattt cctgatgtac gcttaaacad 360
 tatcagcaaa cttgaccaag tgaaccaggt tattgggatt gatctactat cacaat 416

<210> 6545
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-E4

<400> 6545
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 cttgatgttc atgtcttgaa acntaacaaa gtattgatct ttccttttaa gtaanaaatt 180
 tgggggttac acaacttcgt ctagatggag caaganaaaa gcttggatcc acaactatgg 240
 catgcttggt caggatcaat ggttcaaate ccttactga attcaacggt tttttacttc 300
 gctcaaggcc acacagagca ngntcacgag cctcctgatt ttcacgcgcc gcgcgttcca 360
 cntcttatnn gctgtcgtgt cgtnccgtg aaagttcctc gccgacgctg anacanacga 420
 aagtttttgc taaaaattac gcnttttgcca 450

<210> 6546
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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ccttttactc taacaaggag atcttcctcc gtgaactcat cagtaactct tctgatgctt 180
 tggacaagat tagattcgag tccttgacgg acaagagcaa gctcgatggg cagcctgagc 240
 tcttcattca catcattccc gacaagacta ataacacctt gaccattatt gatagtggta 300
 ntgggcatga ccaaangctg anttgggtcaa naaaccttgg gnacaantgc aagatctggg 360
 aaccaaagga attcatggga agcactggct gctgggagct gaagggttagc atgattggtc 420
 a 421

<210> 6547
 <211> 426
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-E9

<400> 6547

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 ccattcttgt ttgtagaaaa aaaccatttt tttatttggg tttttcattt gattttcccg 180
 ggaaagtgt aatttttang ttttttgagg gagattgaaa aagttcgata aaaatgtggg 240
 gagccgccgc agaaccagca gattcttatt acctgattcg tcctgagtgc actgatgtcc 300
 ccaataccaa attcaangat caaacctggg taaaactcna agtgtaagaa aatggcaagc 360
 tgcatttana acagaaggat tccttgatat tgggaagact cttaaagtcga atccaacgan 420
 ggggga 426

<210> 6548
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-F1

<400> 6548

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 gaagaaggac taatagagaa gatggaaatg ggtcgtcgag atttgatgag acgtggaaca 120

agtccacctg caactcatac cgtggttattc agatggattt actatgcttt tactacttga 240
ctatgggtat acagtttttag ggtctttacgt gagcaagatg agccatcaag agaggccaga 300
gctagacctc catgagagtt gttgggtcact agggaggcga ccaagaccgc tgaccttgga 360
aaaagagtaa tgactttgag agtgctttctc tgtaattggg acttgcatan gtattctcca 420
gt 422

<210> 6551
<211> 420
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-133-Q1-E1-F4
<400> 6551

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gaagaagang atgggtccgtt gatgaagaca atcaaangta gtatcactgg ttttgggtgct 120
gggactattn acggaacat tttagccaca tngaaagatg ttccaagagt ggananaaat 180
gtggctcttc caggacttat tagaactctg aacatgatgg gaacccatgg gctgactttt 240
gctgcnatan gangtgttta catcggtggt gaacagctgg ttcanaattt taagatccaa 300
gacagatttt tacaatgggtg ctattgggtg ttttgctgct ggagcttctg tgcttggcta 360
tangancaag ggngcatecc cacagcgata gctgcagtgc aaacactaac ctgttanctc 420

<210> 6552
<211> 420
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-133-Q1-E1-F5
<400> 6552

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gaagcaatgt gcttctctgat ggacccaaac ctcgggaagc aagtttgta tgttcagttc 120
ccacaaagat ttgatggat cgataagaac gatagatatg ctaatcgtaa taccgtgttc 180
tttgacatta acttgagagg tttagatggg attcaaggac ctgtatatgt cggaactgga 240

tgtgttttca acatgaacag cattatacgg ttatgaacct ccaataatta gtagatcaca 300
 ngaagccaag tcttttatct aaagctctgt ggtgggatca nnnaagaaa gaattccaan 360
 gctaagaaag agtcggacaa naaggaaatc aggccangcat actgactcaa ctgtncctgt 420

<210> 6553
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-F7
 <400> 6553

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 aattactcca gagttcttct ttacaggaa tgatgtttat ggttgggcta caagatgttt 180
 gaaaaaatgt cgaggtaacct ttctctataa cggaatctgg cttggtgggt cgtatggagc 240
 tgtgacttgt gtccctgcga acgttgaata catgctcaag actaacttca agaacttccc 300
 aaaagggtcg tttttcaaag aacggttcaa tgatctgctc gaggatggta tcttcaatgc 360
 tgatgctgag tcttggaagg agcaacgacg gatnatcatt accgaaatgc 410

<210> 6554
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-133-Q1-E1-F8
 <400> 6554

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 tctccagtgg agtcgtagca gcttaatccc gtcgatttat acgccaatca acaaaaccca 120
 attctctatc gccgcctgtg tcatcgagcg gaaccaccag cttacggcga aggagagacg 180
 gcagctccgg aacgagcggc gggagagtaa attgggggtat agctggcgag aagaagtgtg 240
 agaaaagttg attaagaaac caaaaaaacg gtatgcaacy tggacggagg agctgaatgt 300
 ggatactttg gctgagtcgg gtccgcaatg gtgggcgggt aggggtttcga gacttcgtgg 360
 tcatgagact gctcaaatct tagctcgagc tctggctcgt caattccctg aa 412

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

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<210>      6556
<211>      418
<212>      DNA
<213>      Arabidopsis thaliana

<223>      Clone ID: LIB24-133-Q1-E1-G1

<400>      6556
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3216

<210> 6557
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-G10

<400> 6557
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 atggatatta gaagcaaagc cangacatta ccaggaccag taagtaatcc aacaaagctt 180
 ccaaaatgga actacgatgg atctagcacc gatcaagctg ccggagatga tagtgaagtc 240
 attctttatc ctcaggcaat atttaaggac ccattcagga aggggaacaa cattctggtg 300
 atgtgtgatg cttacagacc ggccggagat ccaattccga ccaacaatag gcacaaggcc 360
 gtaaaaatct tcgatnatcc caatgtgaan gctgaagagc cttggggttg ggatagagca 420
 agaa 424

<210> 6558
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
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 aacgtgcaa ctctcgccgt cggttacttc ccattttcc ttccttcttc cgattcaaag 120
 actcaatttt tattctccgg cgttgaggat tcatctccta aaaatctctg ctttatcttt 180
 tgatttgagc tgatttggag aggagaagaa gatagataga taggtaattc ggattgatat 240
 ctgaaaaat ggctcagatt cagcatcagg gtcaaaatgc caatggtggt gtagctgttc 300
 ccggtnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnntttat atgtcggatga tctgggatgc gaccgtgacg 420

<210> 6559

6561-6563 "thaliana"

<400> 6561
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tcagggtgta ngcatatgtn aaaatggatt tactggaate gactgttcca ctgctatttg 120
cgatgaacaa tgcagcctac atggaggagt gtgtgataat ggggttttgcg agttccgttg 180
ctctgattat gcaggctaca catgtcagaa cagctctaaa ctagttacaa gtttatttgg 240
gtgcaaagat gtattggana aagacatgtc agggcaacat tgtgctccaa gagagcctag 300
cattcttcan cagcttgagg aggttgtggg aatgcccaac tacaataggc tgtttccggg 360
cggggctcgg gaagttatatt aacatttttcg gtaacagtta ttgtgatgaa gcacctaaac 420
anactaagcc tgttggntat cnatccagan gtgttganat cnattggcna ngacacgact 480
ancgagggtt gcc 493

<210> 6562
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G3

<400> 6562
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gtagagctct gtttgtttcc gtatttcttc tctccgcgcatg gcaagagttc aatgattttg 180
gtgaanatgg tggccgatca gctaaatctt tgaaaccaa attcaatgcc tttgtaaacc 240
atgtgacaac tcacactggc cagcaattgc caccagtcga tatgaagatt cttgttgctg 300
ctgctatagc cttgaagggg tactgggggg actaantggt tggnccttgg naagctcatt 360
ggggaactta actcttgctt ctgcatcaag gccgttnnca accccaaant ctgtaatgnt 420
ttctacaacn anngatgttt ganaagaana gggaattcgg gcaaactaat tttcaaana 479

<210> 6563
<211> 464
<212> DNA
<213> Arabidopsis thaliana

6563 6564 6565

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G4

<400> 6563

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agtgggtaat caccagggtt ctcagttgct cccaactaat ccatactccg ccactaaagc 180
tggagctgag atgcttgtca tggcatatgg tagatcatat gggttgccgg ttataacaac 240
tcgcgggaac aatgtttatg gtcctaacca gtttcctgaa aagttgattc ctaagttcat 300
cctcttggcc atgaatggga agcctctccc aatccacgga gatggattta atgtgagnag 360
ttatctccac tgcgaagatg ttgctgangc atttgaggtt gttcctcacn aaagggggaa 420
agttancnat tntaggagt atnggggaca acgaanagca aacg 464

<210> 6564
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G6

<400> 6564

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atgttgggaag aagctgtgga gtatgtgaag gctcttcaaa gccagatcca ggaattgaca 180
gagcagcaga agagatgcaa atgcaaacct aaagaagaac aataatgtat cctttaggat 240
ttgatataatc tgtattttat tttgtacta tctaaaaatg gtgatgatct gttcgaaaat 300
tcgaaacatg atcttatata ttgaactaga aaanatagat atatatgaat tttagctgta 360
aaatttttgt acaataagga gaaaaagatt taagaagagt caataaaaag atgatgttta 420
cangannan anaaaaaagg gcgngcgtc taaaggattc aagcttacg 469

<210> 6565
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-G7

<400> 6565

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acaancacaa cantcctaact acttactact ctcttttcac tactcncacc caataccatc 180
ccgccacatc atcaacccct tctccaccg ncgcancgc agcttttagcc tcgccttagt 240
cctcctccgg gcaccataan gacccttccg cgttctccat acctcaaact cctccgtcct 300
tcgactttctc agncaatgcc aagtgggcaa nactcgggtcc ttentgaagc ggcacgtgnc 360
ttctccgggc aaaagacact gcacggtgcg caanaaatcc cta 403
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<210> 6566
 <211> 466
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-G8

<400> 6566

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nattgcttcc accatcgta gttgtatccc cgccttcgcc tcctcgaaaa tctgtgtcag 180
gtcctgataa tccatctcca aacaacccca ctctgtgac agataattcc agcagttctg 240
gtattagtan agcggctggt gtgggtgtaa gtattggagt ggcccttggt ctgcttactc 300
tcattggagt tgttgtctgt tgcttaaaga aacgganaaa gaggtctca ancattgggtg 360
gtggctatgt tatgccaaca cctanggnat cctcctcccc aagatcagat tcagcgcttc 420
tgaagacgca gtcacccgca cctccnagtg ggaaatcggt ctagca 466
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<210> 6567
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-G9

[illegible]

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<211>      468
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
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cttctgggtct	cggaagccat	ctccccctta	gacgacccaa	gagccaagtg	gttcgtgtca	180
aggtagatga	aaatgtagcc	gagacagagc	caccgaaatg	gtgggagagg	aatgctccaa	240
acatggtcga	tattcattct	actgaagagt	tcttgagcgc	tttaagcggg	gcgggtgaaa	300
gattagttaa	tgtagagttt	tatggaactt	gggtgtgcttc	ttgcagagca	ttgttcccaa	360
ngctttgcaa	ngacagcggg	gggacatccc	cgataaatag	gttccttaaa	gttaaacttt	420
ggatgagnaa	taaaccgatg	tgcaaggaat	tttgaacngt	gagaagtg		468

3223

<400> 6571
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ataagcgcaa gtcaatggag aagaaaaagg aaggcatggg ttctactatt gatcaaaacc 120
tgagctttaa gaatattatg aaagatggtg cactcttttg ttcttcgcat atgacatgga 180
aggataagaa agcactggag gataagaaag tgactgcact tgggtgaaag gcacaaaaga 240
tgcataagct accgctgagt gtagctcgag tgcagatgaa gaaacagaaa gatagagaag 300
agaagatggt agaacagaat gtgattcttg gcagatttgg gtgggggtgg aagtngcagt 360
aggaaacccc gcagagagaa agcctacgcc agaagagaga gtattgaagt caactggnag 420
gggattttca aaggccgg 438

<210> 6572
<211> 412
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-132-Q1-E1-A11

<400> 6572
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atggagatgg aatatcgata ttcgagtctc gagatatttg gattgatcat tgtacgttag 120
agaaatgtta cgatgggctt attgatgcgg tgaatggatc cacggatata acgatttcga 180
atagttacat gttgaatcat aatgaagtca tgcttttggg ccatagtgat gagtattccg 240
gtgatcggga tatgcgagtt acgatcgctt ttaactatct tgggtgaagga cttgtccaaa 300
gaatgccaag gtgtaggcat ggatattttc acatagttaa taacatttat agagactgga 360
agatgtgtgc tattggtgga agtgctaata caacgatctt tagcnaagga aa 412

<210> 6573
<211> 496
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-132-Q1-E1-A3

<400> 6573

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 aaccctagtt cctcctctct ctcattttct ggagatatcc accagagcaa taaccatgga 180
 cgctaaagaa acctctgcca cggatttgaa aagaccgaga gaagaggatg ataacggcgg 240
 cgccgctacc atggagacgg agaacggaga tcagaanaag gaacctgctt gtttctccac 300
 tgttattcct ggggtggttct ctgaaatgag tcntatgtgg ccaggagagg cacactcatt 360
 ganggttgag aaagtgttgt ttcaagggaa atcagattat canggatggg tattgttttc 420
 cagtctgcaa canntgcgaa aanttttggg tttgggntgg agnagtccca anctacgggg 480
 gagagatnaa tgtgcc 496

<210> 6574
 <211> 478
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-132-Q1-E1-A5
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 caaggatggg aagacatgtg tgttttggga tgtggaggat tacccaatcc cagctgatct 120
 ccacctcgt tcgatccggc ggagaatcgt aaaggatgtg aagaaatatg gttgtgatgc 180
 ggagggtgctg attcatgctt atgctaata taatacgggc tcggtaacaa tgaggcgtca 240
 attttcggct gctggaatca aattggaagt gttcacccaa gcaggggata aatatgagag 300
 acattgttcc ttgtatggg acattatgct gtggctactg gaaaatcctc caccatcaaa 360
 tattattgtc atcgcaaaaa taatcgatga cgacttggct gatcgtattg ggatgtttga 420
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<210> 6575
 <211> 430
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-F3

6575-6576

<400> 6575
caacaaaaaa ttaaggttct tttttgcnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntctctg tcttgcttct tctttaccct 120
tttcttgttt ccaatcaaat cctctaaagt ttcgttcttt gttctaagtt ttctgaagga 180
gtgatatttg tttgtggtgt ggtagagaa atgaatcgga gacagcaagt gaaacgtaga 240
gtaggtaaat atgaagttgg cagaacaatt ggagaacgaa cgtttgcnaa agttaagttt 300
gctaganact cctgaaactg gaganctgt tgctctcang aatcttgata aaagaganag 360
ntcctcaagc atnaagaggg ctgaacagat taggnangag ngatcgncna ccaggaagtt 420
gntagaacat 430

<210> 6576
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-B5

<400> 6576
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caacacaaat cacacaaaag atcaaattga agcctaagaa gaangcaaaa agtgagaagc 120
aatggctacc atgttgaagg tctctcttgt attgtcattg ttaggttttc tggatgacgc 180
tgctgtgact ccatcgggcg cgaaccatt caggaagagc gtagttctcg gaggggaagtc 240
aggcgttcca aacattcgga ccaacaggga aattcaacaa cttggaangt actgctgga 300
ncaattcant caacaagcac agaacgagca aggaannata ngatccattg cgaanacaga 360
cacggcaa attcgaatcca ttgcaattta ccgangtagt gtcctgcctc agaaacaggt 420
cctcgtgga ctcanantac gtanctaaan ggattgaagg tcactcancc c 471

<210> 6577
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-B8

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<400> 6577

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agaagttcac tatgtaactt aatgatgcc aagcaaagtta acttccctag acaaagaact 120
caaactctaa aggttagcca gaagaaactc aagagagcta ctagtggttg tcttggtggt 180
acatgcagtg gtggtgataa gattctcgta gcgaatcgag gtgaaattgc agttcgtggt 240
atcagaactg cncatgaaat ggggattcct tgtgttgctg tgtattctac tatagataaa 300
gatgctcttc atgttaaatt agctgatgaa gctgtttgta ttggngaagc tctaagtan 360
ccagtcgtat ttggtgattc cganngttcn gtctccggt attatccgtg gatgttca 418

<210> 6578

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-C11

<400> 6578

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atgagatcgg aggtatgaag aacgatgctc ttcgcttttg tcttcacggc gttaagagcg 180
atatccttag atctcatcct ctcgaaacgg cttacgaatc tgggaagcaa tcacaagaag 240
aaatgaagag gagagtgatc acgcatactt atggagctgc tcttcctttg aagatggatc 300
ttgatagaca aatcctttct cggtttcaga gacctcctgg accaattcct tcatcaatgc 360
ttggccttga agtctacaca ggagctctag ataattttgg ttttgaggga ttactttgaa 420
tgattctcgc caatccn 437

<210> 6579

<211> 482

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-C9

<400> 6579

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 tccgcgcatt tcaagttggt caactttctt gtcgtcgtct tcttcttttg ctccgtcgtc 120
 gagatctcgt cgaacctcaa atctcaaate tctgttaacc agatcgtcta attatccgat 180
 ctgcgttttcg aatctcagat cgaagatgcc ggtggctgct tccgccatct attttctgaa 240
 tctccgtggc gatgtactca taaatcgcac ctaccgagat gacgtcgggg gaaacatggt 300
 ggatgcattt cgtaagcata taatgcagac gaaagagtta gggaattgtc ctgtgcgtca 360
 gattgggtgg ctgctccttt gtttatatgc gaatcagcaa tgtctacatc gtcattgttg 420
 tcagtagcaa tgctaagtgt gcntgtggat tcaaatttgn tgttgaaggc gtaaccttgg 480
 tc 482

<210> 6580
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-D12

<400> 6580

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 agatagagtc agcacagcct gtcttctcgt gattctctcc cagatataca ggcttagctt 120
 ggttttcttg tcattgctgg ctttagatat cgctagtcac tggctgcaaa tgtacagtac 180
 cttcctatca gggaagacca gccataagga tgtgaaagat agcacgagct gggctcttta 240
 nactctatta tggaaaccgg atgttcattg gttattgctg tgtttcttgc gaggttcttt 300
 atataatcct tcttctcata gcaacgaacc anaccgaaaa cttgatgaac gtggtagtga 360
 aatcattggn tgcagatttc accgctctct ttactcttgg ctttgagcat atttggttgg 420
 tccatcanng cagatcanca atntgattca natgaaaaac ggctgcanat gtttggtgtc 480
 ctggtgggca aaa 493

<210> 6581
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D3

<400> 6581

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agccaaaggt cgatgttgtg actcttggnc catctgttcg tgagggagag caagttttcg 120
gtgttgtcca catctttgct tcattcaacn acactttcat tcatgttact gatttgtctg 180
gtcgtgaaac tcctgtccgt atcaccgggtg gaatgancgt ganagctgat acagatgagt 240
cctcacctta ngcagctatg cttgcancac aggatgttgc tcancgatgc antgaacttg 300
gatatcantgc catgcatgtg aagctccgtg ccacaagggtg gnanacagna catngacaac 360
nttggctcctg gangcacagt cngcccttag aagcccttgc tcgttccggg catnca 416

<210> 6582

<211> 462

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D5

<400> 6582

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ttcgaccgct ttgaagctat aacacctgtt tgggctcctt actacaccat tcacaagatt 120
ttagctggtc tgattatttc tatggccgtg ttcgtaatgt gataaggaag tacagtgttg 180
aacgacattg gcaatcacta aacgaagaga ctgggtggcat gaatgatgtt ctttatcagc 240
tatacagcat cactggagat tccaagtatt tgctgctcgc acatctcttt gacaagcctt 300
gctttctcgg agtcctcgca attcaggccg atgatattag tggattccac gctaatacac 360
atattcccat cgctcgttga ttccancaac ggtatgaaat cactgggtga tctactccat 420
aaggaaatcc ccgatgttcc nttatggaca tttttaatgc ct 462

<210> 6583

<211> 397

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D6

6583 6584 6585

<400> 6583
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tggtcattgg tcatgttgat tctggaaaat cgaccacaac tggtcacttg atctataagc 120
ttgggtggtat tgacangcgt gtcategana gggttcagaa ggaggctgct gagatgaaca 180
agaggtcctt caagtacgca tgggtggttg ncaaacttaa ggccgagcgt gagcgtggta 240
ttaccatcga tattgtctta tggaagttn gagaccacca cgtactactn gcacagtcac 300
tgntnccca ggacatcgtg atttcatcaa gaacntgagt actggtacct cncaaggctg 360
attgggntgt ncntaacagt tgaggctgac cactggg 397

<210> 6584
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-D7

<400> 6584
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tctccgaccg aagttattat gttgcaggct catgtcgaag aaacagagat tgtctgaaga 120
agatggagag gtagagattg agttagactt aggtctatct ctaaattggaa gatttggtgt 180
tgaccactt gcgaaaacaa ggcttatgag gtctacgtcg gttcttgatt tgggtggtaa 240
cgataggtca gggctgagta ggacttggtc gttaccctg gagacggagg aagagtggag 300
gaagaggaan gagttgcaga gtttgaggag gcttgaggct aanagaaaga gatcagagaa 360
gcagaggaaa cataaaagct tgtggtggtg aagagaaggt tgtggaagaa ggatctattg 420
gttcntctgg tagtggttcc tctggtttgt ctgaagttga t 461

<210> 6585
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-E4

<400> 6585

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 ttccagtaaa ttcttgaatt tgggtttcag aatccgatgc gaatccgggg atgtttcgtc 120
 gccattgcgg accaaggcgg tgtctttgtc gtcggagatg gaggattcgt cgtccttgaa 180
 gaagagtttg atggagttag aagggaagaa gagtgagcct taccaggag gaatgccgaa 240
 gatgggtcca ttcacaggga gagatccgaa tgtgaagaaa cctgcttggt tgagacagaa 300
 ggcaccacaa ggcgaaaggg ttcaaggagg tgaaagagtc nctttcncgt ctcaatctca 360
 anactgtntg gtgaagaagc tcagtgtcct aatatcggn aagtgtttgg aatggaagtn 420
 ggtgaatggt gtagcaanct gcaaccaatc aagggnct 458

<210> 6586
 <211> 435
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-E5
 <400> 6586

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 agaggagata gagagagaaa caaaagaaag cagcctacat cttgaaagcc atccagccca 120
 taaggacaat gtgagagaag cccccataa ctctagacct ttagttgagg gacctgggaa 180
 agacaactca gaaagagagg gtggagagct acaagatgat ggtgctgttc ataaatctcg 240
 aaatgttgat gtgggtgatg ccctaatacag ccaatcgcca aaagatttga aattgcttcg 300
 agataagggtg aaggctaaac gagagaaagc taagaagttg ctangtgaaa agaacganga 360
 aaaaggattt tgatggatga ggatgatttg attgaanaga gaactggaag atgtgcaact 420
 agctgttgag gatga 435

<210> 6587
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-E6
 <400> 6587

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 atatcgacct ttctcaaga aagcttctga attcttgcag aaagctgggg acttggtcag 180
 ttcgccaagt ttgaagaagc tactgcacag caaagctgaa gccttccttt caaatgagta 240
 ttatgaagtc agacatcgca tggatggact tggattcaaa gttagatatt accattggtc 300
 catatgagac gtacgaggat gaaatctttg ggtataaggc tacatttgaa accttcacgc 360
 gtattcgaga tgataaaagc cacaagctgg atctgaaact ctttggggac aatctaaagc 420
 ta 422

<210> 6590
 <211> 501
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-B4

<400> 6590
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 taaaaccatc ggtaattatg ctgcag gaaggctcag tcgattg 120
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 gtgcaatatt ttcattgtga aggataatgt gatattctact 240
 cttgcctgga attaccggga agagtatcat cgaagtanc t cgtagccaag gtttcaaggt 300
 ggaggaacga aatgtgacaa gttgatgaat tggtagaagc agacgaggtt ttctgcacan 360
 gaacgcgcgt tgtttnaacc ccggttgga gnatcanctt acaanaagcc aanagggttt 420
 cctaa 480
 aaccctgcaa gtggggtctg a 501

<210> 6591
 <211> 501
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G1
 <400> 6591

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 cggatgtggg aacttgtggc tgaggatcgt tgggttatct tgcgtgcgtt ttccactctt 120
 atagtagccg cgctttcaga gataactatt ccgcattttt taacagcttc gatcttctcg 180
 gcacaaagtg gtgatatcgc tgtgtttcat cgaaatgtca agctcttggg tacgttatgt 240
 gttacttcag gcatttgcag tggcatacga ggatgcttct ttgggattgc taacatgata 300
 cttgtgaaac gaatgagggg aacactatac tccactcttc tcttccaagg atatatcatt 360
 tttcgactct caaactgttg gtgacttaac aagcanactt ggctcagact gtcagcaagt 420
 ctcgaggggc atcgggnaat gatcggacat gatanttcg 459

<210> 6592
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G2
 <400> 6592

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 gcatccgacc ggatttttga atcttcagtc actctaacta agaacttacg gagccgagaa 120
 gaagaagata aggtgtcaag ctgtgcactg atccaggcta tggccaaggc atgccaagtt 180
 tctgggacac ttgactctgg cttgaccgag tctgaggtgc cttatgagtc tgaaaccac 240
 tttactgaag aacaagaact agagcagctt ataaatgggc acttgtgctg taanatttat 300
 ccattttctg gggaagcaca cnggtctgat gaagacagan agattatact acctggctct 360
 ttttaacccat tacatgaagg tcacttcaag ctgttanaag ttgctatgag tgtttgtggg 420
 ggcggctacc caatgtnta aatatcccga gtaaaatgcc gacaaggcag cgcttacact 480
 tgcacagntt 490

<210> 6593
 <211> 435
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G3

<400> 6593
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 aagtgtcaga agttttctct ctcttaactc tctcaaactt tttagagaga aaaaactttg 120
 aatcttggtc atatcttttg ctaatccgat taacatcgga tctctttaga tttcgtttta 180
 tgttttaagc tttctgacta tttttcagat ctatctcaaa cttcntgtcg gtttttcttc 240
 tatactttgt ttcgatttgt agtttttttg taaagccttt tgctgttct tcaaataaac 300
 acttctaggt tgttgaagtg tnaaatcatt gtggtttgat gggctcttct tagctgtgta 360
 cttgattctt ccgnccaant gttggttnaa tncncgctg cccatatggg attanattga 420
 gcgattgntc acttt 435

<210> 6594
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G4

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 ctccgacgga gaggtgctc ccgtagaaga tgattacgag gacgaagaag atgaggaaaa 120
 agctgaaatc agcaaactg agaaagccag acttaaagag atgcagaagt tgaagaagca 180
 gaagattcaa gagatgctgg agtcgcagaa tgcttccatt gacgcggata tgaacaataa 240
 gggaaaaggg agactgaagt atcttctgca gcaaactgag ttatttgccc actttgctaa 300
 aagtgatgga tcttcttctc agaagaaggc agaaggaagg ggacgtcatg cttccaaant 360
 aactgaagag gaggaagacg angagtatct aaanggaaga agangatggc ttaactggat 420
 ctgggnaaca cacgggttac tcacacagnc 450

<210> 6595
 <211> 383
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G6

<400> 6595
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 ggcgaaacca tgtctcagtc tattcaattc tccactcctt cacacactcc tcaccttctc 180
 catctccctc actcacaatt caaccgtcct ctctcctcta tctccttcg tcgcttcctt 240
 ctaacaacca tcaaatacac ttccatcaga gcctcctcgt catcancnc ttcaccggat 300
 ctcgattcan cggctctcat catcatcnc gnaagtactt cgctcaccta acggtantgg 360
 tgctgtgaag tcggangaga gat 383

<210> 6596
 <211> 446
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G7

<400> 6596
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 agggcatttt ggcagcagac gagagcacgg gaactattgg gaaacgattc gccagcatca 180
 atgttgagaa cattgagtc aaccgccaag ctctccgtga gctcctcttc acgtcccttg 240
 gcactttccc ttgcctctcc ggtgttatcc tcttcgagga aacctctac cagaaaacca 300
 cggatggcaa acccttcggt gagctctca tggaaaacgg agttatccct ggaatcaaag 360
 tgggacaagg ggtgtggttg atctagcagg aaccaatggc gagaccacta ctcagggtct 420
 agattcactt ggtgcacgtt ggcang 446

<210> 6597
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G8

<400> 6597

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ttgcacacag tccagcttgg ttcgaaccac aagaccttga gcatggttga gggtccattg 180
aacgtgtgct tgatttcac ctaggatggc atttggtcc aacaacttat ggagattatc 240
cacaatcgat gaaggatcgt gtcggtcata gattgccaaa attcacagaa gctgagaaga 300
agttgctaaa gggttctaca gattacgtag gaatgaatta ctatacttca gtgtttgcaa 360
aaagaaatta gccctgatcc taagagtcg agttggacga ctgattctcc tgttgaattg 420
ggaataacaa gantngttgg atgggntaca aaaattggg 459

<210> 6598
<211> 448
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-130-Q1-E1-H2
<400> 6598

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agctaagttc gatgagcttt atcgggtcaag ctgggctatg gatcattgtg tcaacgaagg 180
cgaagtcaca aaactcaagc ttgacaatta ctctggagct gggtttgaat caagaagcaa 240
atacttgttt ggtaaagtct ctatccagat taagcttgtt gagggtgatt cagcaggaac 300
agtcactgct ttctacatgt cttcagatgg tccgaaccac aacgaattcg attttgagtt 360
cttanggaac actaccgggc gagccttaca tagtccagac caatataccta cgtgaacgga 420
gtttgnaac agagaacaan gactcaac 448

<210> 6599
<211> 453
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-A10
<400> 6599

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ccagggtgca tcagaatctt gaagacggct gatctaactg gatccgatgg cattatctca 180
gagtcctctc caggcgTTTT cgttcaggga ttacttgtct atggtagaca agggaaagaa 240
gtgtatcgag gaaacttaga ccgagatgtc tgcagagaga cctgtcttta ttctttggag 300
catcgaattc ntctcattgc attcagccag gatcgctgct tgacattgtt tgaccaccct 360
cttgtcgact ctcttcacac aatctacaag tgagccaaag ggcgmnatta tntcaatcgg 420
gttgggtcaac nggatagcct gaancctgac aat 453

<210> 6600
<211> 489
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-A11
<400> 6600

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acggtcattt gcgaatttctg aacaactctt tcaataaaag caacaaaaag atcgaaactt 120
tacagtcgta ggaaggaaaa aaatggtgag aaagcgaaga gttgtagtgg ggatcacacc 180
agatccatgt gagacannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnacacctct cagaggata ttttgtctca aaacacgaca 300
agatatgaag attttcgaag agaaagagga ttgctttatc ctcgatttcg atcccaacga 360
ttcatttgat gcacgaaagc tctccgatag ccctgcatct gaatgtgacg acgacgtggc 420
gattgtccat gagaaagggc aagtggcttg tagggatttt ccacatccaa ggnatctcct 480
gccttgaaa 489

<210> 6601
<211> 448
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-A12

<400> 6601
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gtttgtctctg ttttgtctct ttaacacaac acaaaaaatg tccatcggtg ttggccaagc 120
ttaccaacat cttcccaagc aagtaagcca aaatcctgac gtgggtggat ggagtttctt 180
gcaatatttc tctgagccaa aaggcattgt ccagaacaga gaagacgaca caaagaaaaac 240
agcttatgtc taccgatcg agaagcggtc cgtagctaaa ctgagccttg agatgtgcac 300
aagagagcct cgggaccgag aatgggaatt gatagtggag acgagatgtc cgttacttgc 360
gcnttgaagc aaccaatatt tcaaaagagt cctcgtctt acnacgaaaa cctcaaaaaag 420
gaaactaagc ttcatagaacc gttgngga 448

<210> 6602
<211> 464
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-A8

<400> 6602
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cttcttctctg aaagagttac atgcggtccg ggacatggaa tcagtattgg aagtcttggg 180
aggtacagcc acgaggaaaa cgtagtggtc atcaagatca tcaactgcac tctccaagag 240
actgacaatg gtctaaggat caagacatgg ncttctgctg cttgtaccac aaccgcctcc 300
gatatccatt tcgagaacat cctcctcaag aacgtcagca accccatcct catcgancaa 360
gagtactgcc catggaacca atgcancaaa gcagnnanca tcaacgatca aagttgggca 420
acagttagct tcangnagat taagaggaac atnaaggaaa caga 464

<210> 6603
<211> 444
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-A9

<400> 6603

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gatgaaatth taaccgtgat gatgatgatc ataatgaaac agatatgagc aagaaaaatc 180
tagcgattct gttgcgtgct agaatgagat ccaacaatcc ctccaaatth tccctctctc 240
aatttcctaa ggaaattcaa tctaactctc aagagaatca ttctagagat cacattgtgc 300
aaaattctaa tgattttggg accactggaa gggtttatga tgttggtcga gaagacaatg 360
cactcagcna tctcagctnn taaaactggg ngtagtagac attactcctt aatgattttc 420
aagnangggg tacttaaccc tttc 444

<210> 6604

<211> 417

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-B10

<400> 6604

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tgaatgtatg gcaaaagatc ttgagggacc tcaaacccaa agaggaagaa aagaaaatca 120
tggagatgac acaagataca ctccaagggt aactaattcg attgttgga acgtctaagt 180
cattaattgt cctcgatgac atatgggaaa aagaagattg ggaactaatc aagccaatat 240
ttccaccgac caaagggttg aaagtgttgc ttacttctcg aaatgagagt gtcccatgc 300
gtagnaaata catcatatat caactttaac ccagaatgcc taaccactga aagacagttg 360
ggcactnttt cagaggatng cacttcnat gaaaagatgc aagnctgaaa tttaaga 417

<210> 6605

<211> 368

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-130-Q1-E1-F9

<400> 6605

tttggtagtg tcgaagcaat cattcctcgg gctctccttt ctaactgcat tcttagaaaa 60
tattacccta aaggcctttg tcttggcata ctcgtcctct tcagcaggaa ctcatctgtc 120
ttggaagaat tattaccatg tctgcttttg tcagcaaata cgaagatgag ctgatcaaga 180
cggccaagta cattgcaacg ccgggaaggg gcattttggc ggcagatgag agcacagaaa 240
ccattgggaa acgattcgcc ggaatcaatg ttgagaacac tgagtccaac cgccaagctt 300
accgtgagct cctcttcaact tcccctggca gttacccttg cctctctggt gttatacnct 360
tcgaggaa 368

<210> 6606
<211> 437
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F7
<400> 6606

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ccgaacataa atgggtcagc aagtactcgg ctgcacgagc cgccccatcc gcgtttctct 120
tcaccggtgt tctgttatta ccaccagtga cactatcaga aggaagaatc tccgattcgt 180
tagaaacccg agattgtcgt tttctcttca atcttcaact agaaattatc gtctgccttc 240
gattaattgc tcgacggtga atggagcagt aacggaaact gcggaatatt acgaaggaga 300
aggagataac gtttcacttg ctgagaaaat ccgggcaatg tattgatttc ctccggacga 360
ttttaccaag gtgggaagct ggtggagttt ctccgatgaa gttgatggta ngttcattgc 420
taaacctgtg actgttt 437

<210> 6607
<211> 389
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F9
<400> 6607

aatcaaaccg gttcagtttc caaatggata atctactctg cgaagaatct tggcccgcca 60

gtcctttaac cccggagcct ttaccaaact tccgtcaccg ttctcacgac aatgacgtcg 120
tgaagatgta tccagagata gacgcagcga cgatggagga agccattgct atggacttag 180
agaaagaatt atgttttaac aatcatggag acaagtttgt tgagtttttc gtctcaaaga 240
agttaaccga ttatagggttc catgcgtttc aatgggctaata ccagactcgg agtcgggctaa 300
atctttcata tgaaacggta ttttcgcgcg ctaattgttt tgatcgggttc gtcnacatga 360
cttgctgtga cgaatggcga attggatgg 389

<210> 6608
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-G1
<400> 6608

tttanccgag gtctcgtcaa aagcatgctg cggaaaaacc cagaagttcg gccatctgcc 60
tcagatttac ttagacatcc acatcttcag ccttatgttc tggatgtcaa gcttaggctc 120
aataatctta gacgcaaac attaccgcct gagttgccga gttccaagag gattatgaan 180
aaagctcatt tttctgaacc agctgtcact tgtccagcct ttggagaacg acaacatagg 240
gtctctctgg aatgacagag ctctgaatcc annaagctga ggaagacact gcatcttcta 300
ntnaatgtat tagtcgcang aatttcagat ttatcngatt gagaagcaac agtaanagga 360
acattgagtn ngtaaagcaa atttccttca aggtgcaatg taanggggtcc tca 413

<210> 6609
<211> 411
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-G10
<400> 6609

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agcagcttct gtcaaggcat ctacaaagaa gaaggaatct ggaaagtcct cagttttgat 120
tgatatcaaa ccgtgggatg atnagactga catgaagaag cttgaggaag ctgtgaagtc 180

cattcagatg gaaggtttgt tttggggagc atcaaagctt gtcccagttg gttatggtat 240
 caagaanttg cagattttgt gcaccattgt tgacgacctt gtctctantg acancatgat 300
 cnaacgagca nctcacngtt gaacccgacg aatgaatatg tcnannctg tgacattggt 360
 tgcctcaac aagatatgaa ggatggngaa aagcttcaag gaatgtntctg t 411

<210> 6610
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-128-Q1-E1-G2
 <400> 6610

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 tcttctggga cataaaatcg tttccgggtc ccgatggcta tgatgctcga ctggtgggtc 180
 cgtgtatcaa acggaatttg aggaagttag gctacacagg tcctatcacc atcactgccg 240
 ttggcgact atcagaggtc cctcgtgaca tccttaaagc agtgatttcc actgggaatc 300
 tctcttaagg aggtcattaa aagtccgaca aacatgtatg ctcttttctt tgagtcctct 360
 cttcttcgta ctccacctcc agctaatatg atggtcatat ccccgccaa catcctaaat 420
 tcc 423

<210> 6611
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-G5
 <400> 6611

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 tgaggcaaag ctgcgtgctg ttgatgcaa acttgctgaa gttagtagaa agagttcaga 120
 tgtggagagg aaggcaaagg aagtggaagc tcgggaaagt tctcttcaa gggagcgggt 180
 ttcctacatt gctgaacgag aagcagacga ggcaactttg tcaaagcaga gggaggactt 240

gcgtgaatgg gaaagaaagt tgcaagaagg agaagaaaga gttgctaaat ctcaaatgat 300
 tgtaaaacag agagaagata gggcaaataa aagcgataag attatcaagc aaaagggaaa 360
 agaactggaa gaggcacaaa agaagattga tgctgctaac ctcgctgttg aagaaactaa 420
 gaagacgatg ntcagtt 437

<210> 6612
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-G7
 <400> 6612

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 agcagagtgg tgagtactat gcaaaagagg gcgtattttc agagacaatg gccgttggtc 120
 gatgtcgtaa gagegtcagt cgttgtgatt gtgcacnttt tgtgtctctt ggcgccgttt 180
 aacttcaaat gggaagcttt acggttcggt ttggtgctct tcgcgttgac tacactcagc 240
 atcacattct cattccatag gaacttgtct caccgtagct tcaagatacc aaaatggctc 300
 gaatatcctt gggcttattc tgctgttttc gctcttcagg gtgatccaat gggattgggt 360
 gagcatacan aaggttccat caccagttca cagattcgga ccgcgaccca catagcccta 420
 angaaggatt att 433

<210> 6613
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-G8
 <400> 6613

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 caaagctgga aaagctcact atgtgaaatt cactggaag ccgacttggt ggatcaaatg 120
 cctgtcggat gaggaagcta tcagagttgg aggagccaat cacagccatg ccaccaaaga 180
 tctctatgac tcgatcgag ccgggaacta tccgcagtgg aatctcttcg ttcaggtgat 240

ggatcctgcc catgaagaca aatttgactt cgatccgctt gatgtcacia agatctggcc 300
 tgaagatata ttgcctttac aacctgttgg tcgcttggtc ttgaacaaaa acatcgacaa 360
 cttctttaat gagaacgann cagattgcat tctgtectgc tcntgggtg 408

<210> 6614
 <211> 427
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-H1
 <400> 6614

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 gtttcagcaa tttccagcag ctaccagga aaagctgatt gaattcttcg gaaaattgaa 120
 gcaaaaggat atgaactcaa tgacagttct tgttctgggt aaaggcgggtg tcggaaaatc 180
 atccactgtc aattctctta tcggcgaaca agtcgtccgt gtcagtcctt tccaagctga 240
 aggattgaga ccaagtgatg gtttcaaaga acaatgggag ggttcactan caacattatt 300
 gacanccttg ggacttgtgg gnagctgggg tatgtcantc ancaagctct cgagttaatc 360
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 anggtgt 427

<210> 6615
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-H2
 <400> 6615

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 agagttgaat attgaggttc ctactgagat tcagtgtatc ggaatacctg cggttatgga 120
 acgtaagagc gttgtattgg gttcgcatac cgggttcttg caagactctt gcttacttgt 180
 tgcctattgt tcagctgatg agagaagatg aagcaaacct tggtaaaaaa acaaagccta 240
 gacgtcccag gactgttggt ctttgtccta caagagaact atctgagcag gtttaccgtg 300

6616-128-Q1-E1-H3

tggcgaagtc cataagtcac caccgcgaggt ttagatctat attggntagt ggtgggttctc 360
ggataaagac cccaaggagg attctttgaa caatgcaata gatatggttg ttgggaaccc 420
ctggtaggat tcttcagcat atcgaagaag ggaaacatgg tgtatgggag atatc 475

<210> 6616
<211> 384
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-H3

<400> 6616

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acacggagga aacaagaggc ttatttcagt tcagacgaat cagatcagga agcttgtgaa 120
tcatttgggt tactcttttt tctctcttag gctctttgat gttgaggttc gagctgagat 180
tggttctgat gaggttattg aggaaagtca gagccttgcc tangagcgat tcatttgcac 240
tctgggggact gatgctccac tgaatgtgac attcataaga gcgcctccag gtgctttgtt 300
gaaagttgat atccctcttg tgttcattgg agatgatgtt tctcctggat tgaagaangg 360
agcatctctg antacgatta acag 384

<210> 6617
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-H5

<400> 6617

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ttcctctcca ccgtcacttc tacctcctaa acgccgccgt tttatagctt ctctctccga 120
aaatgctaaa cccacattcc tcaaattctct caccgacgct tttttagatt cttgtagagg 180
aagagaatat ttttaaggag gttgttttct atggagcatt acgaggttct tgagcaaatt 240
gggaaagggt cttttgggtc angctcttct tgtgaggcat aaacatgaga agaancctta 300
tgttttgaag gaaaattcgg ttagctangc agactggtag aacantgaag gtctgctcat 360

cangagatgg nattgntcgc aanngataag gaatccattt attgtgggaa tagcnaagat 420
tcctgg 426

<210> 6618
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-129-Q1-E1-A8

<400> 6618

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gatgaagatc tcaaaggaag tgaangaaaa cccggttcta tgangtcnga ctttattaaa 120
agcttacaag tcatatctgc agaagttgat tatatttgaa aagcagtcag tatataacca 180
anttgcgaat cgggtgccttt gtacattgct ggaagcagtt cctcacttca actaccgtga 240
taacctgtta attgctgttg tcagaaatat cagctcccca gatgaagtcg taaaggagac 300
ncngttgctc cnactatcag gtatcttttc tcaaatgaag gggaaacatg gttggttgag 360
nctgaccgtt gcaagctgta cggcctgant tgctgatca tgtcnaagct canaaaactgg 420
ccaaacttc 429

<210> 6619
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-129-Q1-E1-B5

<400> 6619

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taatttcntc ttcttcntcc ttttcttact aaattctctt agggtttttag tcataacttaa 120
tggtttccaa ttcggagaaa aatcctcttc tttcagatga ggaaacccaa atcgacggag 180
gagaataaga gttctaagcc ggaatcagct tctgggaatt caacttcac aagctatgcc 240
tggttgaat ttcaatgctt ttganttctc taaanaaggg ctaagnattc tcaanngatc 300
ctagcatcag aggaaatngc ngagcaaata ngctnaagat ctgncgntta aacaaatggg 360

<210> 6622
 <211> 399
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-C7

<400> 6622

acgcgctccgc ccacgcgtcc gattttctta gaaaaaaaaat tatgggattt tgcttctcca 60
 aatttgcaa atcaciaaca catgagatnc caatctcttc ctcttccgat tcaagccctc 120
 ctcatcacta ccaacctctc cctaaaccaa ctgtttctca aggtcaancc agtaatcnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnng 240
 gttcacanga tcgggtccant cctaaaccga ccaatgatcg atctctcagc tctctacgac 300
 ctccacnnca gaactcggcc gtggccaaat tcggaatcac ttacaaatgc atgggncaaa 360
 tccaacggtc gagaatacgc ctgcaanatc ccattctcag 399

<210> 6623
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-128-Q1-E1-C9

<400> 6623

acgcgctccga attgatctga tccgagtctt tcaagcgggg agagaaagag agagattcgt 60
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 ttgatgtcga catcggacgt tgagctattg aagagggcgt ggcgtaacga gaaggcggcg 180
 cgggagattc ttcagtacga aggagctctt gtcgatagag ccaaagaaca gatcgaatta 240
 gtggaagaaa caattgaaga ttatgtggaa aatggcatag atcctctggt ggtgtctcta 300
 tatcagatgg atttgacag agcccagttt ctactcagat catatctcag agttaggctt 360
 ctcaagatag agaagtttat gttccacaac ctcaactcaa gaagaagctg aaaggcgact 420
 ttctgagcaa gaaaaagtgt 440

<210> 6624

<211> 488
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D1

 <400> 6624

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 tcatgtggag gttgaggta agtctccggc tgaaaagtgc tgggtagccc ttggccgacg 180
 gcatcaatct cttccccaaa gttttcccta acgactacaa aaccatccaa gttctagccg 240
 gcnatggcaa cgctcctggc tccattcncc tcattactta tggagaagga tctccactgg 300
 tgaagatata ggcnagang atcgaagcag tggatttggg agaacaaaag catgtcgtnc 360
 agcatcattg gcggagaaat gttgggagta ctacaaaanc ttcaaaggaa ccatcacctg 420
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 gagattta 488

<210> 6625
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D10

 <400> 6625

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 acataatccc gtagttgaga actctatcca acctcaactg gttccacaga ttgcagttga 120
 aaagccaaat ggtagtttag aagaatctgt gaatgccttt gatgaagaga aagaagatga 180
 agtggtgag acagtgggtgc aacaacctga agagttgata caaactcata caccattggg 240
 gaccaatgaa tctcttgatt ccacattggc caaccaaacc gaagagagt aagaaaatgt 300
 aatggccgag gaaaaggagg atgtaaaaga agagaggact cccaaacaaa accataagga 360
 gaattcagct ggggaaggag aatcanaant ccgggaaaaa ggctcntcgg ttact 415

<210> 6626

<211> 459
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D2

 <400> 6626

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 tcagaatcta atggaccag naagcctaac agctttccac atcctttaat ccaanaaatt 120
 gattcagaac ttccatttgt gcagcctgcg cttcaactga cacacagaat atttggttct 180
 tgccctccaa tgcaaanttt tgacccanca aagttgctca cggactctgg gaagctgcag 240
 anacttgata tattattgaa gcggcttcga nctggaaatc acaggggtgcg cctgtttgca 300
 cagatgacaa aggatgctga acattctcca ggattatatg anctatagaa agtacaagta 360
 nctcaggett gatggatcct ccaccatcat ggntcgccga natatggtna gggattttca 420
 gcatatgagc ganatttttg taggcctgct gaacancac 459

<210> 6627
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D5

 <400> 6627

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 gtgcccgcga actgttcgct aaattgcctg aaccaattct tccgacaatc ctaaaagttt 180
 ggattttggt gattctaaaa actaggggtt tattcaaatt actcaagaat ggctactact 240
 gcgaatggaa actctaagaa aagagatggt ggggtctatcg tcgcttgccc ctcgcaaaat 300
 caacgtgcag aaaattctca gaggtctgaa gcaccaagaa gctcgaatct cttcactcca 360
 ttgtgtctga gcgtttgaac aaggactttc gatcaaagag gaataagagg agaaggacca 420
 attcttacia taatcaacct 440

<210> 6628

<211> 419
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E1

 <400> 6628

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 cgngncatca cgggtgtcatt acangcgact ggctagccca agctcaagcc gccggttggcg 180
 gngtctcang cgangcccag catgacttat ccgtaactga tctcgggaac gagaagtcgt 240
 ttaatgtaat tgnngagttc agtaattgga ggaanacaac cggatctggc tgaagccgtc 300
 gcggctatac gagctttggc tgctgttatt cgtgcgagcg aancgagcac catgatggag 360
 cttgaaattg agctcaaaaa ggcttctgat acactcaagt cgtgggacaa aacgtcgat 419

<210> 6629
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E10

 <400> 6629

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 gcaaaaacttt cattagcatt aggtctattg ctactattag cattaantga ggtctacgaa 120
 gtgcaagggt cgttcttatt gaggcattac atgaggaaat ttcccagaag gtccagagac 180
 tttcggccat tcgcttcgag aggtatgttg aagttcgtgg acgttttgga gcttaagtgt 240
 ccattaaagc cacaatacaa gagcttcttc ggaaacctaa ggtcttacat gaacttcata 300
 aactcggcat ccgggtcgaa aaactttgat gccgagctaa aagggaaagc ccagggcctc 360
 ttctcagcna ggctctgcaat nagtgggcaa naggcgccgc aatcggtga nttcctagca 420
 naggttantg gatacgattg cct 443

<210> 6630
 <211> 479
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-E3

<400> 6630

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ttaacgttag cttctgtcat cctttacgct cttcttctcc aaaggtctca cttcgcagtt   180
ccgttcattt cgcgacgagt ctttctctca gtcactccat ttctgggctt cgcgctgttt   240
tgcctctgaa gatttctaca gttgcttccc ccaattctca aaagcttcat tcttttaccg   300
ttttcgctca taagggttac aagatgaaga cccacaaggc ctcagcgaag cggttcaaga   360
gtgacgggta gagggaagat tgtgaggagg agatctggaa agcagcattt gttagctaag   420
aagaacaaca agaggaaatt acgtctatcg aaaatgacgg aagtgaaccg gagcgacta   479
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<210> 6631

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-E6

<400> 6631

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tatgtgtagt aaaataacat tagtggttaac tttattttcc agttatttca tatcaacaga   120
tgctgtgaat ggatcatttc ctgcgctttt ggcttttggg gattcaattc tcgatactgg   180
caacaacaat tttctctga cttttatgaa aggaaatatt tggccatatg gaaggagttt   240
cagcatgaga agggcgacag gaagatttgg aaatgggaag agttttctct gatataagtt   300
gctgaagggt tagggatcaa gaagatttta ccagcttatt gtaagttgtt caattctcca   360
agtgaacctt gaactggtgt ttgcttcgca tcangtgggt gcaggagttg acctgtttac   420
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<210> 6632

<211> 413

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E8

<400> 6632

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gggttcacat ttttatacaa tatcacattt tcaactgaatc ttcctctgcg tctctcagga    60
ggaagaagat cattcagttg aagcanacat ttanagggtt ttgttgagag gcaatggaag    120
ggggagaaga gtttcaagaa gaagaagtgt ggtcagtttt gagagaaagt gaaactcaag    180
gtcctgaaat gaaaatgtcc aaaagtaaca atctcttctc agcctcttcc tcatcttctg    240
cgagggtacat tcctaaaggc aacgaggtct ctggaggggc aaaacagtca tctgctccaa    300
tgaatattcc tgactgggcc aagggttatg ggtattcaaa gaanaacaca ngcagccact    360
tgcattcatg ggccattgac gatgatgatg aagggtcaat gggttcctcc aca          413
  
```

<210> 6633
 <211> 486
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E9

<400> 6633

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cttntacgcc gcccggtacc ggtccaaaat tcccgggtcg acccacgcgt ccggttttgt    60
ggaggaaccc acataacaaa caccgcgaa gccaaagcat ttgctcttct atcggaggag    120
ggaattgcta aagggtattcg tagggtaact gctgtgacta ctgaatgtgc ttttgatgca    180
ttgaatgctg cgtccttact tgaaagagaa gtagaggatg cctccagagc ggaggggaagt    240
gcattggaaa agaaagtttc tgctttgaaa agccgagtag atgcagcaat tatcccagca    300
gctaaaaagg cagatattag gactaagatt gcttcgcttc agaataaagt aagaaaagct    360
cagaagaaaa tagcgggaaca aaacctgaaa aaatctgtca aattagcaac agaggcagct    420
gagtccgcag catcagatgg gaagactttc tgcataatcc aactgggatg ttgggtccnt    480
gatgca                                           486
  
```

<210> 6634
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

6633-486-6634

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F10

<400> 6634

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atgattacta gtgacaagac aatcgatgct cgtggcgcta acgtgcacat cgcataatggt 120
gctggtatca cgatgcagta cgtgcacaat atcatcatcc atgggcttca cgtccaccac 180
atcgtgaaaa gcagtgggtg tttgataaga gattcgatta accactttgg gcatagagga 240
gaggctgatg gagatgggtat ctctatcttt ggggcaacaa acatttggct tgaccacatt 300
tctatgtcta aatgccaaga tggacttata gacgctataa tgggttccac cgcaatcacc 360
atctctaact ctcatctcac ccaccacaac gatgtgatgt tgcttgggtg cacaaaacan 420
caacatggat gacaagaaag atgcaagtca cagtggctta caaccatttc ggaaaaggac 480

<210> 6635
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F4

<400> 6635

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cggcctagta agtcatggta actccaagac acggcgcgta tacgaaacag ctcgatctct 120
gcataccggt gctgtgaaag atcttctctc tctcggggtc tgtgagagat gtattttccg 180
attggtatcc gtcgaggctt ttgattccga tatttcatca gtctcgactt caactctgcy 240
cagctggctc aaatccggtg atgatgaaac tagtgcacgc gaatctagct gttccacaat 300
ctgcattggt tgttttaggta tattgcagtt cgttttttcc gatgtcaaaa aagagctggt 360
gaaatcggat tctagtagtg attacgttgc aagggataac ggacttgggtg aagcangatc 420
tcatgagttc gaatagcttt 440

<210> 6636
<211> 419
<212> DNA
<213> Arabidopsis thaliana

6636-6637-6638

<223> Clone ID: LIB24-128-Q1-E1-C6

<400> 6636

cgatcacttt acttaatcgt cttcatcggt attagtcttg ttaaagcttc gaaaagcgat 60
gatggggttt gttcagcgcc ttcgattggt gaatcggatg agaagacgaa ccccatTTat 120
tggaagcca cgaatccaac actctctcct tcacacctcc aagacttgcc tggtttcaca 180
cgaagtgtat acaaacgaga tcatgcgtta ataacaccgg aaagtcatgt atacagccct 240
ttacctgact ggacaaacac attagggggcg tatttgatca caccggcaac gggttcccat 300
tttgtcatgt acttggcgaa aatgaaagaa atgtcaagtt caggtttgcc tccacaagac 360
atagagcgtc ttatatcgtt ggtcgagggt gctgtgacac tcactaacac atccaagtt 419

<210> 6637

<211> 430

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A5

<400> 6637

cgagcaagag gctttcatca gtaattcgtc gtcggagctc cagaacgagt tggatatccga 60
cgccggcgat ggtattgaag caatcgctaa tcgtctgagc aaatggattg tagcagctct 120
gtttggatcc gttctgcttc tacgacatga tggcgagctt ttgtgggctg tgattggatc 180
ggtttcaaat tccgtgctct cagtagcttt gaaacgtata cttaaccaag agagacctgt 240
tgctactctc cgttctgata ctgggatgcc ttcttctcat gcccaatcca tttctttcat 300
ctctgtgttt tctgtcttct ccgttatgga gtggcttgga accaatgtac tcccgcctgt 360
tcntaagcg gttcatcct cgcaattggg ttcttatttc acgtgggttaa agggtttctc 420
anaaagcctt 430

<210> 6638

<211> 433

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A6

<400> 6638

acgcgtccgc ttatccagga taacgataac aacactctct ctctcactgc aagagcgcgga 60

aacagagtaa ggctcacttt gttttagctt tctcctctac ttcgataatg ccgtttgctc 120

cttccttggt gtcacgtct tctcagctct ctcaatttct tcccagattc cccaacgcga 180

ctagattcaa tgtaactcca cggagcagag ccgccaccgt cgtcgcggca tccgtcaccg 240

acctagccgg ggctcgacagt acaacaatcg ccgtactcgg tggaggatcc gtagcagcac 300

tcgcggcgat ggtttcctta acggatccgg agaggaggcg gaaattgcag gcggaggaag 360

ttggcggagg cgataaggag gttgtgagg agtatttcaa tagcacgggg ntcgagaagt 420

ggaaggaaga tnt 433

<210> 6639

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A8

<400> 6639

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caccaccgtc gtcgtctctc tgtatctctc cggcgggttc tctctctact tcccccgag 120

gattaaaaga tggaccagtc ttttattttg atattccgtt agcttggtca gttattgtag 180

aagctgtacc gtcaagactt ttaatatctc aaatggatga tgggtgggcat cgtgagaatg 240

gtcggcataa agcagcagtt cagggccagt ggttgatgca gcatcagccg tcgatgaaac 300

aagtgatgtc gataatagca gagcgcgatg cagcgattca ggagagaaat ctggcgatat 360

cangagaaaa aagcagcagt agctgaaagg gacatggcgt ttcttcagag ggacaccgcc 420

<210> 6640

<211> 424

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-B11

<400> 6640

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 gcggaacgtg gtgtcgaacg tgggtggagat cgcggcgatt tcggacgtgg attcgggtggt 120
 cgcggcggtg gaagagggtg tccgagaggt cgtgggtcgcc gtgcagggtcg tgctccagag 180
 gaggagaaat ggggtgccagt gactaanctt ggtcgtctcg taaaggaagg taagatcaca 240
 aagattgagc agatctacct ccattctctc ccagtcaagg agtaccaaga tcatagattt 300
 actcgtcggc ccttcattga aagacnaagt gatgaaaatc atgccgggtc aaaaacaaac 360
 caggagccgg tcagagaacg angattcaag gccttnancg tentccggng aatagtaaag 420
 ggtc 424

<210> 6641
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B2
 <400> 6641

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 agttantgga ggagccatcc gacgatgaat ctaagttctc taattatgat tcggacgatt 120
 gggaaaacttt gtcagatgat cttcgactgt tagatgaaga ttgggggcaag agcggggggtt 180
 ttgatgtgga cttctcnaaa ntgcgtcaca gatttggtcn cggagctggt catctcgacn 240
 acnacaatat ggtagcgag cctcatgaga ccaacagnga tttgctcaan aggttggtcca 300
 acatggctat cnccttctac ancgacaaga cggggataaa antggaactt gtcaagggtt 360
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<210> 6642
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B3
 <400> 6642

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gtcctacatt ggggtggtcta ttgaacgcaa cgtgtggaaa cgcgactgaa ttgataatcg 120
cgattcttgc tttgaccaat aacaaagtcg cagtgggtgaa atattcgctg ctaggttcga 180
ttttgtcgaa ctttttattg gttctagggg cttcactctt ctgtggagga atcgctaata 240
tccgaaggga acagcgggttc gaccggaaac aagccgatgt gaacttcttc ttactttctac 300
tgggttttctt gtgtcacttg ctgccattgt tgggtgggata cttgaaaaac ggagaggcctt 360
cggctgctgt tttgtccgac atgcaactga gtatatcgcg aggcttcagt attgttatgt 420
tgatcagcta cattgcatat cttgttttcc aactgtggac tcaccgcaa tt 472

<210> 6643
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-B4
<400> 6643

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gggtcttccc cagatcctcc tctctcttct tcaactctttt aacggacact tttcactgat 120
ctattcactc actcaaactg ccgccggagc taaatcaatc aacaatgacg tcgacctaca 180
cgagattcga taccgtatctt ctcttttcta ggttcgccgg cgctaagtat tcgccgttat 240
tgccgtctcc gtcgtttact ttatctactt ccggcattca tatcagaacc aaaccgaatt 300
ctcgttttca ctcgattata gcacccctct catcttcacg tgtagtcgcc ggaactgata 360
gcattgagat taaatcggtg ccgacgaagc ctattgaagg acaaaagact ggaactagcg 420
gactccggaa gaaggtgaaa gttttcatgg nnagataatt atttaagcca actgggnt 478

<210> 6644
<211> 424
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-128-Q1-E1-B5
<400> 6644

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tctgtgttct tgagctcagt attgttggtt tatagaggag aatctggaat cacaagtagt 120

tttattcgat ctgaatggcc tgcggttgat ataccacttg atcatcatgt tttcaaagtc 180
 ccaaaaggat ataatgcacc acaacaagta cacataactc aaggtgatta tgatggtaaa 240
 gctgttatca tctcttgggt tacacctgat gaacctgggt ctagccaagt acattacggt 300
 gcggttcagg ggaaatatga gtttgttgct caagggactt accataacta cacgttttac 360
 aagtataagt ctggctttat tcatcactgc cttgtctctg accttgagca tgatacaaaa 420
 tact 424

<210> 6645
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B6
 <400> 6645

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 acatcaacag ctcttggaac gcttcgcgcc ggtaanctc agccaccgca accgcttttt 180
 cancngattc ctcttctca ttcgctcgga cacgtggtgc gcgtcagaga atcgcttcat 240
 cgaaatcccc ggcgtcgtca ccgtctcng ttcggagacc atctgatgga ttcagtttcg 300
 atgttcggtc accgtcatct gattcatcga ttcatcacg gaagtcacga cgaaggggcc 360
 gcctaagggg ggnnctngac gctttcntag aanttcccc ccgggganaa gaggaaggga 420

<210> 6646
 <211> 439
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B7
 <400> 6646

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 aatggactct actaccacac ctcttctct ccgttcgaat actagatccg ctttgcgtct 180

agctcgaaac aacaaaactc tcgtaaaatc tcacattcca tctctcgatt tggtttttatt 240
gtctccgaag aacaacaacg gtactcctta cccatcacct gtttctctca gttcaccatc 300
ttctcctgtt actcttcgtg agattctcct tttatctcct tccccctctc gtaaatacgag 360
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ggagtaagac gaaaggggn 439

<210> 6647
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-128-Q1-E1-B8
<400> 6647

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gaagagaaaa ttggaggaag atgataatca gcagcagcag caacagcctg agcgtaaaag 180
gccagctctt gcaagtgtaa ttgtggaagc cttgaagatg gatagtttac agaggctttg 240
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aaagcttggc cctgcaagac ttagtgaaaag gtcgtctcca aaacgaattg aaggatcgg 360
tggaaggaat ttgcagctac aattcaggtc tagattgtct gttcctttgt tta 413

<210> 6648
<211> 415
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-C10
<400> 6648

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aattaacaat canttcgaga tcttctgata catctaanaa ggnagaactc tctgtanaaa 180
tatcaattcc ncctcaagtt gatcaatcaa gacctgaagg ttgagattc gatcgtttac 240

gctaccatca actccaaatc tccctgtaga cgccccctct ttgccacctc cttcacccaa 420
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<210> 6651
 <211> 494
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-A3
 <400> 6651

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 agtagagaaa tggcggggaat cgtgacagag ccgtggtcag tagctgagaa cggaaaccca 180
 agcataacgg cgaaaggatc gagcagagaa ctaagacttg gaagaaccgc tcacaacatg 240
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 aggtcttaaa gattttctct ctaatctcca agaagtcatt ctcggaacaa agcttgccat 360
 tctttttccg gccattctg ccgccattat ttgcacctat tgtggcgtca agtcagcctt 420
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 ttttggcaga atan 494

<210> 6652
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F1
 <400> 6652

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 aggactcatc aacaagatcn gagacgcact ccacattgga ggaggcaaca nggaangtga 180
 gcacaagaag gaanaggaac acaagaaaca cgttgacgag cacaagagtg gtgagcacia 240
 agaangtatt gttgacaaga tcaaagacaa gatccacggt ggtgaaggta aaagccacga 300

cngagaaggc aaaagccacg acggtgagaa naaaaagaac aangacaaga aggagaagaa 360
 acatcatgat gatggtcacc acagcagcag cagtgcacgc gacagcgatt aaggtganga 420
 actgaggang atcgcttgaa gtaaacangt ctgggtctgg ctaatattaa ataatgttgc 480
 cgnaaggtcc taccacctt 499

<210> 6653
 <211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-126-Q1-E1-F12
 <400> 6653

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 agccaatggt gctcagttag agtttaagtt aagccttctt aagccactgg gaatcacgtc 180
 ttcagacctt gtgaagattc ttaactgtcg tcttaggttc tttagttgcc gtcttgcct 240
 tgatgaaagg atcaactact tcatggagat tttgggggtca aaagaggtgt tgcgcagagt 300
 cattatccgg aatccgtcac tcatgttgta tgacctcgat gacaagatca aacccgcgat 360
 agaatactac aaagggttgg gcttttagcca acaggatctt gtcgcaatgt tgatatcgcg 420
 acccacgttg attccaagaa caaactttaa caatgagaag ttgaatacat tgaagaaaac 480
 tggaagtcca caaga 495

<210> 6654
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F3
 <400> 6654

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 ctgtaacact tttttgtgg gtatctcccc taaaaagaaa actttatttt tgntcttagn 180

aaatctgctt ttaaatttta naaaaatggg aaantgtttg atgggatgaa acaacgttga 240
 gaaaatgggt aaanaataag aagtantgaa taaagaatac angagataag atcgtaaagt 300
 aanatagtt ttgagaagag atgagttaga gaaactcatt ctttttcaag ctaaagtcca 360
 atggtnacgt cgacgggcaa nggagaaaca acttnggctt ctttttgtga ctttctaagg 420
 gagttagaag ctgacagatt tgccggaaaa nccgg 455

<210> 6655
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F5
 <400> 6655

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 gaaccaaaga taaatacata tgccaacttt agagatgatg tacttccccg tataaaaaag 180
 ctaggctata atgctgtgca gataatggcc attcaagagc atgcctacta tgccagcttt 240
 gggatatcatg tgacaaattt tttcgcacct agcagccgct ttggaacacc tgatgacctt 300
 aaatctttga tagacaaagc tcatgagcta ggtctggttg ttctgatgga tattgtgcac 360
 agccatgcat caaanacac actggatggg cctggacatg tttgatggta ctgatgggtc 420
 aatatttcca ctccgggatt gcctgggtaa 450

<210> 6656
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F8
 <400> 6656

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 attcaaatat tctgtanaga atatagatct ccgaggcaaa agctcagtta acgcagaatg 120
 gatggcttac attggaggct tcgttaatct aattactcta aatctttcag attgccagag 180

aatcaacagt tccaccctct ggcctatcac aggattaaca agtttgacag agttggacct 240
 ttcaagatgt ttcaagggtta cggatgctgg tatgaagcac ctccaatctg ttgtaaatct 300
 gaaaaagtgt tggatttcac agacaggtgt cactgaagtt ggaatttctc ttcttgcttc 360
 acttaaaaaa ttgtctcttt tggatttggg cggcttacct gtaactgatc aagaacttga 420
 tttctctcca ggcactgaca aagctagagt accttgacat ccgggggaaa caacgttacc 480
 aancaaag 488

<210> 6657
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G1
 <400> 6657

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 gaaatctcct tctacggtgg tgggtggtgac agttgaccag agatggcggc ggagaatgag 120
 agaaaaatctc cttcagcagt ctccgatatg ggagcttggg caatgaatgt gataagctcc 180
 gttggaatca tcatggcgaa taaacaactt atgtctctct ctggattcgc atttagtttc 240
 gctacaactc tcaccggttt ccacttcgct ttaaccgcat tggtcggtat ggtatcaaac 300
 gctaccggat tctctgcttc gaagcatgta cctatgtggg aagcttattt ggttctccat 360
 tgctgctaatt gtctctattg ctgctatgaa cttcagctc atgcncaatt ccgttg 416

<210> 6658
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G10
 <400> 6658

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 aaggagatat agaggggtgt cgacactatg ccttatggga ggatccattc angaaaccgt 120
 gctatctatt tgctttggtg gctggacagc tagtgagcag agatgataca ttaccacac 180

gctctggtag gcaggtttcc ctgaaaatct ggactcctgc agaagatcta ccaaagactg 240
 cccatgccat gtattcccta aaagcgcca tgaagtggga tgaggatgtg ttcgggcttg 300
 agtatgacct ggatctcttc aacattgttg ctgttccaga ttttaacatg ggagccatgg 360
 naaacaagag tttgaatatt ttttaantcca agcttgtcct aagcaccctc n 411

<210> 6659
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G3
 <400> 6659

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 ggggttttga tcccacattc cttaaagctcc agaaattgat caaaatggga gaagctggtc 120
 aatccagaga cggngaattct gtcacgcctc ttgttgccgg tggtaatggg gacaatgcgg 180
 ttgcaccaca agtgtttaaat tctttaccag ctcttaatga agctgcttct tatataactc 240
 aagcaacgtc ttacttaagg agctgttttt ctgactattc agtagaatat ggtggcaagg 300
 atactatttc ccacccccat gagttgttac gatcaacttc cggagttgac gggaattccc 360
 cagtgaagtg tatgcatttc gcctggtgaa aggttttcaa cttcntcaga aggcattctac 420
 atctgatgcc aacagcccggt cgagggaatc ctacagagan tctgccacag gnaacaaatg 480
 gcaataatgg ccttccaaa 499

<210> 6660
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G7
 <400> 6660

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 aaaatgatat agaccttgaa ggggcttgtg aggccttctct agcgtgttca acgtgtcatg 180

tgattgtgat ggatactgaa tactataaca aacttgaaga accaacagat gaagagaatg 240
 atatgcttga tcttgctttt ggggtcacag aaacgtcacg actcggatgc caagtcattg 300
 caagaccaga gctagatggg gtgcgcttgg ctattccttc agcaacaagg aatttcgcgg 360
 ttgacgggtt tgttccaaaa cctcattaat ttccgcaga gantctcga cttgaggcat 420
 taatgatcaa agagctgnat caagtttcc 449

<210> 6661
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-H11
 <400> 6661

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 aaatgtcaag aaactgggga cagaactggc aaagcaacaa tctcttaaac ggtcaagcat 180
 tgtcatttaa ggtgactgct agtgatgggc gtaccgtcgt ctctaacaac attgctccag 240
 ctagttgggc ctttgggaaa accttcaccg gccgtcaatt ccgttaaaat tgagtcaagt 300
 tcggttttat atagtttttag ggtttgtgta gtagttggtt gaggaaaagag tagagaaaga 360
 gagaggggtt aaggcttttt aggggttttta agtggagagc cttgaaactt cttctttgac 420
 tcttgagggt taaaatggag aaaagagctt gttttataag ggctcctttt aagtcatggt 480
 aaggattang 490

<210> 6662
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-H3
 <400> 6662

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aagagttcgg atggcgaaaa cttcgaaatt gacgaagcgg tggcgctaga gtcacanacc 180
atcaaacata tgattgaaga tgactgtacc gataatggta tccctctccc taatgtcaca 240
agcaagatcc tttcgaaggt gattgagtac tgtaagagac atgtcgaagc tgctgagaaa 300
tccgaaacca cggccgatgc tgctgctgct actactacca ccaccgtcgc gtcgggttct 360
agtgatgaag atctcaagac ttgggattct gagtttatca aagttgatna agggcactct 420
cctcgatctt aancctgggc tgccaactan cttgaa 456

<210> 6663
<211> 496
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-H4

<400> 6663
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ccacgcgtcc gcggacgcgt gggacacaac ttccaacgat cacacacaaa tggcgatgac 120
gtcagcagct accggattta ttctcacggc caacgtcccc gcggcaatag gcggtggttc 180
ttcaaagagc accaccattg tgtctttctt gccgatgaga ancttcggtt caaggctagt 240
agtcagagcg gcggaagata cacctccggc aaccgcctcg tcggatagtt cttccaccac 300
cgctgctgct gtcctggcga aagttccggc cgctaaggct aaacctcctc caattggccc 360
aaangagagg atccaaggtc aagattctaa nggnaaagaa tcatactggg tacaanaacg 420
ttggattcng ttgttggccg ttgattaagg ancccnanga ccggtatccc ggtgggggnc 480
ccggttcccc ccaagg 496

<210> 6664
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-127-Q1-E1-A10

<400> 6664
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ngcgttacgc cgggtgtggn ancagaatth angttaatcg gntctcaatt atggacgaan 120
 aggcagcaaa acctagagac tccaccgtga atcagcaaca tcaatactat tacggaacgt 180
 ttcaaggcgt tgcgaattht cctactccta ctccaccacc gcantthtatg caaccacagc 240
 atccgattac tacgtthtct gggacatgct taccanaatc tccaagggtca tgggtggtggt 300
 gtgaattatg ctcaaggatt cccagttggt gttcttgatt atacagtgggt tgaagtgaag 360
 accaatgata gagcatggaa nttccttggt gtggcttggg catggggctg gtttctgttt 420
 ancaaggggc ttc 433

<210> 6665
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E8
 <400> 6665

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 ggatactagt ggtcttgaag gcacagctct taagatggtt gagggtgatc gcaactctaa 180
 gaactggtgg agaaagcttg aaatggtacg cgagggtata gttgggagtg ttgagaggga 240
 ggaacgattg aaggcgctca tatactctgc aattthattg aagtggataa acacagggtca 300
 gattccttgt tttgaagatg gagggcatca ccgthcaaac aggcattgccg agattthcaa 360
 gacttatatt ccgtgagttg gagcacatth gcagtaagaa agatgctact ccagaagaaa 420
 tnccttggtg ccccgnaaa tccaaccc 448

<210> 6666
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-D1
 <400> 6666

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tataacttgc ctgcatggtc cgtaagcadc ttgccggatt gcaaaaatgt agctttcaat 120
accgcaaaga taaattctgc aactgagtct accgcatttg ctctgcaatc attaaagccc 180
gatgggtggtt cgtctgcgga gttagggttca caatggagtt acattaaaga acctattgga 240
atttccaaag ctgatgcatt cttgaaacct ggattgctag agcaagatta acacaacagc 300
tgataaaaagc gattacttgt ggtactcact aaggacggat ataaaaggcg atgagacttt 360
ccttgacgag ggatctaaag ccgtccttca cattgaatct cttgggtcaag tgggtctatgc 420
ttttataaat ggaaaacttg cangaagcgg acatggcaaa cagaagattt ccttgggata 480
tancgaatta 490

<210> 6667
<211> 450
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D12
<400> 6667

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tttacagaag ctgggttaaag gtgattggag aggtatctca agaaactatg tgaccactag 120
gacacctaca caagttgcta gccatgctca gaagtatttc atcagacaat ccaatgtctc 180
tcgtcgcaaa agacgttcta gtctctttga tatgggttct gatgagggttg ganatattcc 240
catggatttg caagaaccag aggaagataa tattcctgtg gaaactgaaa tgcaagggtgc 300
tgactctatt catcagacac ttgctcctag ctacttcac gcaccgtcaa tcttggaat 360
cgaagaatgt gaatcaatgg actccacaag ctctaccaac gggggaacca ancgcanctg 420
ccgctgcctg cttcttcgtc ctccaagaat 450

<210> 6668
<211> 421
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D2
<400> 6668

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tcggnacaag caagagttgt tgaagaccat acaatgtcac aagttatttt acangcagta 180
tcaaantgag ggggtactgg tctactgtta atgggtgacag gggcaagtca tgttgagtat 240
ggttcaanag gaacagggttt gccagcaagg atctcaagga agtttccaaa gannnaccaa 300
gttgttgat tacttgacct tgaaagacag ttcttgcgaa gaganggcga aactccantt 360
gctgatttcn tgtggtattc cgctgcaaga ccctgcagta gaaaactgct ttgaccgtcn 420
g 421

<210> 6669
<211> 419
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D6
<400> 6669

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agcccgagaga tcgatcggat ttttttgtat tttgtatatt tgttgtagat ctaaagtctt 180
ttgttcagtt ttgttggtt gttttgctga tctgggtttt gtattatttg gataacagat 240
cattaacgat cgtgagactg gaagatcaag gggattcgga ttcgtcacct tcaaggatga 300
gaaagccatg aaggatgcga ttgagggaat gaacggacaa gatccgatgg ccgtagcatc 360
actgttaacg aagctcagtc acgaagaanc cgtggcgcn gaggccaccg tngaagttg 419

<210> 6670
<211> 448
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D9
<400> 6670

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atcacaaatt tcccaagaaa acactcacat atatgatgct atatatagaa agatagtctc 120
atctaattct ctctctccct cggattcggt agatgtgatc attttttctt gatttttgat 180
cagattcttg cgtatagctg tatatatata ccaagatata ctcatcatcg tcatatatag 240
attatgtgca gcgctcttga gcttcttgac atggaaaact tccaaggaga cttaaccgac 300
gtcgtacgag gaatcggagg ccacgtgtta tcaccggaga ctctctcctc gaacatctgg 360
cctcttctc tgtcacatcc aacaccatca acgtcaggat cttaacatan accccttcgg 420
agatcctttg tgagcatgga cgattcac 448

<210> 6671
<211> 441
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-E1
<400> 6671

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caagggtaag ggttatgaag gtgttggttac tcgttgggggt gttacccgctc ttcctcgtaa 120
gactcacaga ggtctgcgta aggttgcttg tattggtgctg tggcatcctg ctagagtgtc 180
ctacactgtt gctagggctg gtcagaacgg ttaccatcac cgtactgagc ttaacaagaa 240
gatttacagg ttgggtaagg ttggtactga ggcacacaca gccatgactg aatatgacag 300
gactganaag gatgtgactc caatgggagg cttccacacac tacggtattg tgaaggatga 360
ctacttgatg attaangggg tgctgtgttg gtcccaagaa gnanantttg taactcctca 420
aaacagtcaa ctntcaatc a 441

<210> 6672
<211> 494
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-E10
<400> 6672

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 gggttgatc tccggccttg attccgccat cgaacggcgt ccttaccaca aaaactgcgg 180
 atgtgctctt cacgataaat caagtggcgc tgggaaaaat caaatcagc gatggccgcc 240
 gtcttgctgc cgccacggaa gctcagagag catctcggtc cggatcnnaa ggtcttggan 300
 cgaangcaac atcanggcta tgaatctctt ctctcatcg tcgtcttctt ctaatctcca 360
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 gctncgactg nggaaccgat caggatctan taanngacct acnatggacg attgatgaan 480
 gtgaagatga ttga 494

<210> 6673
 <211> 501
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E2
 <400> 6673

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 aggaagaaga aggaggtatc gtttcaaattg ccaactttac gtttgagttt gatccataca 180
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 atggacaacg acgatttgcg tcgtggaaag cccacgacgc acaaagtcta ccgnnaaagg 480
 agttgcaatc cccccggggg g 501

<210> 6674
 <211> 534
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E3

<400> 6674

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 actctcctcc gttggtaatt tctcctactg ggaattgctc aagctttctt ggggcccgctc 180
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<210> 6675

<211> 503

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-E4

<400> 6675

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 tgtggtgtgg aaagaaactt atctgtccag catcttgatt cttcagccgc aaaccaagca 180
 actgagaagt ttgtctccca aatgtccttc atggaaaatg tgagatcttc ggcacagcat 240
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 aatgggtggca cctagctctc atcactccat tcgatttcaa gaagtgaatc agacaggctc 420
 aaagcaaac gtatgtttgg ctacttggtc aaaacctgaa gttaaggatn aaggtaagg 480
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<210> 6676

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-126-Q1-E1-E5

<400> 6676

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 cttatccgct gcttctctct cctctctctt cgcttcttcc cagcattact ccatcggttg 120
 atactcccc gaggatattg aatctcatga caaactcata gaactcttcg aaaactggat 180
 ctcaaatttt gagaaagctt atgaaaccgt tgaagagaag tttcttaggt tcgaagtttt 240
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 gctcaacgag tttgcggtt tgagccatga ggagttcaag aaaatgtatt tagggctcaa 360
 gactgatata gtgaagacgc gatgaaagaa agatcttacg cagagttcgc ttacaaggga 420

<210> 6677

<211> 497

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

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<400> 6677

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 gcgtccggaa aacttttgat ttcgagagtg ctccggagca gaagaacgag caaagctagg 120
 gtttccatct atcaaattcca gctacaatcg aacctattca tcgaaattag ggtttttttt 180
 ttggtccctt aatttttccc ttctagtagc ttctgatcct tcgatttcca tggcggatgg 240
 gtactggaac cagcagcgac agcaacatca tctcctggt ggtcctatga aacgtccccg 300
 ttccgatttc gaagctccat catcaacaat gactatangg cacggtggtg gttattatcc 360
 gcgagatgag gatctcgatg ttcccgatac tagaactatc ggttcagctt acgatcgcta 420
 tctccanagc gtgcaatcag ganaangtgg ttctgtttc catgggaaga ttaggaagaa 480
 gangaagagg aaggaag 497

<210> 6678

<211> 443

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-A7

<400> 6680

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acaaagacga gctctcaaatt ccagcagcaa tggcttttct tctttctaatt ctatcatctc 180
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tattgagcat ccagtctcct cctcttaaag acacgcaagt tcagacaaga cacagtctgc 360
aagataagca taataaccac gacagagatg aattctatat caatcttggg gtcgctgtcc 420
gtacacttcg tgaagatttg cctttgctct tcactagaag atnttaattt cgaaatccan 480
aagggatg 488

<210> 6681
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-B3

<400> 6681

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tgatgggtgc attcagtttc cgacancgat cacaagtgc tegtgtgtct tgaggaagta 180
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cactccaatc aacagatgaa ncattgnaca gccttgccaa tgaatctcca aaccctgagg 300
aangtattga tgaaccacaa gttgggtatg aggttcaagg attcattgat ggggaagttg 360
atagcggcta tctggtgacg atganattgg gttctcaaga gctgaaangt gtcctttaac 420
acattcctca aacgccaagt cagtctcaac aaaccatggg aacaccttna gccattgggt 480
naatcctcca a 491

<210> 6682

<211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-B5

 <400> 6682

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 tctggctttc cgaccaaccc ttcccaattc aaagtctcac agttcggaca tgggcagtcg 180
 aatccaacgt ttctgataga ggttggtcga gggagttcct tgaaacgata cgttttgagg 240
 aagaagcctc ctggcaagct tcttcaatct gctcatgctg ttgatcgaga gtttcaggtg 300
 cttcgggctt taggtgaaca tacacaggtt cctgttcta aagtcttctg cttatgcact 360
 gaccctgctg tcattgggac tgctttttac attatggagt ttatggaagg acgtaatttc 420
 antggattca a 431

<210> 6683
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-B6

 <400> 6683

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 gattccatgc aagctctgtg accataaact ggtgtatggg acaacacgca ggtctgtagc 180
 gtacagacca gctatgttgt caatggtggc gattgctgcg gtttgctct gtgtggcact 240
 tctgtttaag agttgcccg aagtgtcta tgtgtttcaa cgttcagggt gggagttatt 300
 ggactatgga acaagctgag tgtaagtcta ctttgaaaga tcttctaaga tatatatatg 360
 aatgttactt atataaaacc catagaggtg tgatttccaa tatgttac 408

<210> 6684
 <211> 400
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-B7

<400> 6684

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gacattccaa ttgccttgac cggtttaaga aattgcattc tgaatccgca aatgacccta 180

ctcccagagg gaacttggt tcaagggaac ataataacga atctctatac gagcatggta 240

cagccagtgc aagcagtttt caccgtgagt ctggaaaccg aggctcttct tgggattccg 300

aatcactgag gaggaggagg agagttgagg aagaagttga gtcagaagat atcacaaatt 360

tgaaatgtcc tctatgccgg ggtactgttt taggatgggn 400

<210> 6685

<211> 496

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-B8

<400> 6685

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ggaattaact gatctcgtca atggcggagg tggaggagat tgcgcacgag gagcagaata 180

tcgagaagag ggagaagaag aaaggtaaac acgagaagcc gaagccatgg gatgatgacc 240

caaacatcga ccgttggaac atcgagaagt ttgatccggc atggaacccc actggtatga 300

ctgaaaccag caggttctca aactctttc ctcaatacag agagaagtat cttcaggagt 360

gttggcctag agttgaatct gctcttaagg agtacggtgt cncctgcaag ctcaacttgg 420

ttgaagggtc tatgactgtt tcgacgacna gggaagacna ganatncata catcatttgt 480

caaaacnaag ggattt 496

<210> 6686

<211> 409

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-C10

<400> 6686

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tcacggaagc aaagaataca attccaaacc ctaatcccga tcatccgtct ttcctctccg 180
gtttcaaaat atgagtaatc agaagaagag gaattttcag atagaggcgt ttaagcatcg 240
agtcgttggt gatcccaaat acgctgataa aacttggcag attcttgagc gtgcgatcca 300
tcagatttac aatcaagatg ctacgggtct caagtttccg angaacttta cagaaatggg 360
tacaacatgg tcttgcacaa agtttgggtga gaagctatat ancgggggtt 409

<210> 6687

<211> 452

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-C12

<400> 6687

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tgttctgagc ctcttagtag tgaccgcagc caatatattt atttttgtaa tttaaaaact 180
cactattaca ggcaaattag taaagttggc gaatcaacgc ccctgaaaga tttctgtttt 240
agtttctggt agagctagta atgttggttg attcgtaatt tctttccttt atgtgtgata 300
ctgtagatag attagatgga tcaaactcgtt aatgtggatg aagtttcaag agctgggcta 360
aacangccct ccctaagatg tactatgatt tctacaatgg angancaaga ggattaacac 420
actcctcnaa tggaaaaatg tccaagnctt cc 452

<210> 6688

<211> 501

<212> DNA

<213> Arabidopsis thaliana

<211> 551
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-C4

<400> 6690

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tggggctaata tgagacagaa cattcctcct aacgggaaat gtttcggggt acgtccaatg 180
ctcgggatnt ctccgggttg aatgtctacc aaagcttttc aatcggaggt cncatcaagg 240
ggaaaacgat gacgcatcct taagggaatg ctttggtctc cttccgggtga cgttggtgat 300
gcnaaaagtt atcgttgata agaanagaca cggaagatn aaaggggggt tgggatttgt 360
caaacttcaa tgatgaaggg tgctgcaaac tgctngccat atcacgaaga tggaccggaa 420
aaggaactga atgggtccgtc acatccgaag ttgaatcctg gctaattgat aagaacccaa 480
gtgctccacc gggccttaaa ggaagtgggt gggtnngaata aaaattngnn ggaagggttg 540
agggtaccg g 551
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<210> 6691
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-C7

<400> 6691

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tcattcatat ccaacaaaaa atatcaatga tgtcttttgt cgcaaacttg gccatcaaga 180
gatttgacca tgcttccacc gtgtatgttg aagatgtggg agatagttct cgagtggcat 240
atagtgagaa tgggtgtgat gacgatgaca gtggctatga ttatgtcctt gctgcgtgat 300
tgtttcctat tagtatatga ttgtaattta ggaggaaaca aaaagacaga gatgataagg 360
taatttanat atctagctag gccatgtatg tactaaatag tttggtgagt cttcttatag 420
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atgaacaaac atggtttcca tagatgtnta cttgtgggat tgatantgtc ccctaaattt 480
tggaa 485

<210> 6692
<211> 394
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-C8

<400> 6692

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atggcgataa naanactgg tggttctactc acagaaagct tggtganaag tatataaagg 180
atgcaacaac tttaatggca agtgaggagg caaacgacgt cgcttcagct cttcanttac 240
tagacgcagc cttanctatc tccccgcgtt tggaaactgc gttagagctc aaggctanat 300
ntctcctctt cctccgtcgt ttcaaggatg tcgccgatat gcttcaggat tatatcccca 360
atcttaaact cgacgacgaa cggattcgcn tcat 394

<210> 6693
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-A6

<400> 6693

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ggttataaca acgttgatgt tgaagctgcc aataagtatg gaattgctgt cggttaacact 180
ccgggagtgt tgactgagac gacggctgaa ctagctgctt ctctttcctt ggctgctgca 240
agaagaattg ttgaagccga cgaattcatg agaggtggct tgtacgaggg atggcttcct 300
catctgtttg tggggaactt acttaaagga cagactgttg gagttattgg gagctggacg 360
tattgggatc tgcttatgct agaatgatgg tggaagggtt caagatgaat ttgatcnacn 420

664730"1636660

ttgatcttac caatccantc ctctga

447

<210> 6694
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A1

<400> 6694

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tcaagtgtcg ctgtttcttcc agaagggttg tgaagaatcc tgagttaaaa tgttccttgg 180
agaatctctt tgaaatccag gctttgagga agtggttttg ttcagggttt gcagctattt 240
tgcttctctc tcaggcaggc caggggtatan cgttggatct ctcatctggt tatcagaaca 300
tttgccaact agggagtgtc gctgctgtgg gagaaaacaa gctgactccn tccatctgat 360
ggtgactcgg aatcaatgat gatgatgatt atnanaggca tgactgctan gaactttgnc 420
cccgttaggt 430

<210> 6695
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A4

<400> 6695

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aaaccnct atcaatcaca cacagaagga tctccagtg actatttatn aaaagtgaat 120
tgcatgtcat tgactggaat cccgcaggct aattttcgct catacaagct acacaatcga 180
gacagttgaa gctgaacgga tatcagttga tcatgttgca catcttaaac catctgacgg 240
aggctcagca gcaaccctagt tggctgtctc tcttactggt atacatagtg ccatcaagat 300
gcttaatagc agaatcagag tgctttacca aaatcttgct gcaatgcaga aagggtgataa 360
atcttgtgac aactcagttc tgagacaagt atctagcctg ctaagaagat tgctgccat 420

ggaatcagag agatttcaag ataatttcct ggatggagta caacgacaaa ttactaatt 479

<210> 6696
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A6

<400> 6696

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gggaagcttt gttacgtctt ccatgcttct ctctgtgccc atgtacgacc aatcctttgt 180
tcccttcatg cgcaagaaaa ccggaaaccc tagagggatt actttactcc aaagactagg 240
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gatgcgcgtg ataaaggaat ttcacataac tagtccgaca caagttgtgc ctatgagcat 360
tttcnggttg ctccctcaag tactctctnt cnaggcattg gggatgtgtt taacgcaatt 420
ggnttgcttg agttttt 437

<210> 6697
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-B1

<400> 6697

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gaacgataaa gagtgtcctg caagcatggc aaagactttt gtggttcaag agatgtatga 180
tgcaaaaatg gttaatgttg tcgaaggatt gaagctatac gacaaaatgc ttgacgcaaa 240
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acttcaaagt gaggcatatg tgggttataa acggccaaat agaggacatg gacgtgagat 360
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[illegible]

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<211>      494
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-124-Q1-E1-C4

<400>      6699
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3287

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tcaaatacat gagg 494

<210> 6700
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-C7

<400> 6700

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ttcgcttctt cttcttcttc caatagaaat ctcaatggta aaggcgggtac ctttatgccc 240
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anaatgggca ccagaantgg cggcggcgct tctagatacg cggttggtcc gggtcgtgtg 360
gttaacgang aagggtgttg gaattgattt gggtacgact aactctgcag tagcngctat 420
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ttgtgg 486

<210> 6701
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-D3

<400> 6701

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acatgtttcc cctgtgctcg gccacaagct gccgttacca ttctcagatt ttatttctctg 360
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<210> 6702
<211> 431
<212> DNA
<213> Arabidopsis thaliana
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<223> Clone ID: LIB24-124-Q1-E1-D4
<400> 6702

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angaattcga ttttgagttc tnaggggaaca ctaccggcga gccntacaga ntccatgacc 180
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caccactgag tttcacactt actcaatcct ctggagtaaa cgcagtgttg tnttcatggt 300
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aaggaggtct t 431

<210> 6703
<211> 485
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6703

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actatggntc ttctctttct ctttttctct cttctctctt cttacctctt tttcaagatc 180
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aaaccaaccg acgatcgaat ggtgagcact caattcagtg gngagatcat ttatcgaaac 300
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 ggaga 485

<210> 6704
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
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 <400> 6704

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<210> 6705
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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caagacgttt ttgaacncca cngggatatga catgggtgatg gcttataagt ttcatgaaga 420
tgatcacngt gaggttgctc ccnangtta caaaaacctg gggctgna 468

<210> 6706
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6706

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gcttctctcg tcgatattct ctctcttccc gcttaagcct tcggctagat atcaatggaa 180
aggctgtata gcaatgcaag aatggccaac agtttcacgt tctggaatga ttgtgttgaa 240
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tggagagact aaaggccaga aggttcacct ctcaanggat cctgatggtc agccttatct 360
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<210> 6707
<211> 435
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6707

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 gggaagatcc atacagtaac tacaaactcg ccatggaggg ttttctctcn aangttccga 360
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<210> 6708
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C12
 <400> 6708

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 tctctattgt atctcggggn acaggttgan gtagagtatg caagatggaa ncaagttcaa 180
 tttttcatca gagtttctga gaattcatag tccagctgct gatggnaaag tcagatcaat 240
 cggtggtgaa aaggtgatat ctggaaggcg gtatgtagga atcatgtctn canaaccggg 300
 ttggaancta cggggtaang ttagtgtttg atgacttgca tanaacaggg gatatatcca 360
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<210> 6709
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 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6709

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 catgaattct cttatactcg gtgctgctag aaggttcgtg gggttgcatt tgagagtttc 180

agtgaacctt ttgcaaaatg aatctttctc ttcgtattcg ttctcttctg ctagtgctgc 240
 tgatgtgagc cctaaagggg agacctttaa atcctcgtcc ttccttgatt cactgcgttt 300
 agctacaaaa ctactgaca aggggaaatt ctgattccgt tctggatctc tcaagaagtt 360
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<210> 6710
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
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 <400> 6710

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 gtttggtgga gatccgtgtc caaatgtgat gaagaaactc gcggtggaag ccgtttgtgc 180
 ttaaataaaa gcagacgcan cagcaatcaa aagactgtaa aggtgggttac ttacgcattc 240
 ttacagggtt ctgatgggat tagtatgttt tatgaagaca acagaagaag ttggtatttt 300
 tctagctcct tattttatca cgggtgaaaag ttgtacaang ggacgcanca cgccgttcan 360
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<210> 6711
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-123-Q1-E2-D4
 <400> 6711

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 cttgttattt tcttccgtta accatctggg ataggttgct gctggactct ttagatggca 180
 gactctcgga atggtaatgc ccgagcccct ctagtggag tgcttccaaa agctgggaat 240
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gaagaagcac agtgcagact tatggggatc tgccgacgct cttgcattgc aaccctcct 360
 ggcttctgat gatctgcgtt acctgaaaac ctcagcggtg aataatttgg gctccctggg 420
 gtaatgaagt tccaagatac aaattaaggg ttttaaca 458

<210> 6712
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6712

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 cacggcggga ccagacgctc accaagcggg ggcgtttaga tccgacagcg atttttctct 180
 gatcgagaat tgcgagttcc ttgggaacca agacactctc tatgcccattg gtcttcgtca 240
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 tgtcttccaa gactgtgaaa tcctaatcgc accgcgtcaa attaaccctg aaaanggcga 360
 gaaaaacgca gtcactgcc aaggaaggat tgacncgten cangtccacg gggtttccgt 420
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 cccta 485

<210> 6713
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E2
 <400> 6713

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 tttagggtta tggctgctga tagcagatct ccaagagacg ggaagcatct tgaggtctta 180
 ggttacttca atcctttgcc aggccaggac ggtggttaaga ggatgggtct caagttcgat 240

cgaattaagt actggttatac tggttggtgct cagccatcag acccggttca acgtctccta 300
 ttcagatccg gtttacttcc tctctctcca atggtggcta tgggacgtaa ngggtggagc 360
 acgaagacac acgcccagtt gatccgatga ctgggtccgct atgtggatgc aagagaataa 420
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<210> 6714
 <211> 427
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E4
 <400> 6714

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 aataacgcnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnngaccag attcaaaatt gcgtagcgta ctaattcaat 180
 atagagagaa gttagatcaa aagaagaaca cgaaactctg actgtgtctc tctttctctt 240
 cgtgtgtttc tatatttata tataanaaga caagatctct ggtctggaat tagaagaatc 300
 ttatttgggg ttttttctta ggattaagct ctaatggcan gatcangtac agngagcgga 360
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 tttcnga 427

<210> 6715
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E6
 <400> 6715

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 ggagaccgga gactgcggcg ttacgggaaa gagagatgag atcatgttgt tcggagttag 180
 agtcgtggtt gatccgatga gaaagtgtgt gagtttgaac aatctctctg attatgaaaa 240

gtcttctccg gaggatgaga tccctaagat agtcaccgcc ggagctggag atggtgaaga 300
taanaacgaa acggatgcga cngtgattgt cgctgacggg tacgcctccg ccaatgacgc 360
tgtccaagat ttccgtcntc ttccggcggg gangaaacga ngggttccat gggacngaga 420
ancgaancan aaagaggntc gtggantggg gttgccaa 458

<210> 6716
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-F2
<400> 6716

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gtggtgatga tcttgaggat gatgcttgct ctaggccaca gcctttttct ttaagagaat 180
cctagaagta aaacctgggt tgagattttg gagaatgtgc tttggattgc atctgctgtc 240
ttcattgtct attttggaga caggcactct aatatgatac atattctctt accgtgatgc 300
tcgggatcaa aaggatgcct ttgtatttcg ggatgttggg aatagctgtg aacattataa 360
tcataatcta cganagcatg ttatcttggg ggcaaggaga angnttgatg agaaatggga 420
actgntggag taccctgtg ggcctanatg gggct 455

<210> 6717
<211> 506
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-F4
<400> 6717

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aatggcgacc accgcatctt catctctccc ccgtaattac tccttcacaa ctccgcgacc 180
ttcatcatte atccgaggac cgccattagc tagaacgctg cctctctatc tccgccgtaa 240

ccgtcgagta gctctcactt accgattgga ccagaattcg aagcagagaa gtggtggaaa 300
 cgtaagatgc gaggcgacgg aggtatcttc ttctttctct gtatccacac ctggaangaa 360
 ttgggtgccg gtggtgcccg ttatcggcgc ttccgaaagg tgaacggcga gtggttaatn 420
 aaagacgaat gagacgatat tggtggcctt tggtannaag naangatgtt ttttgcaatt 480
 ngngaatacgt ttcacaagcc tgaang 506

<210> 6718
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-F5
 <400> 6718

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 tttgaagatg gtgacctagt tgttttctca gaagttgagg gtatgacaga attgaatgat 180
 gggaaaccaa ggaagataaa aagtacacgg ccatattcat tcacccttga tgacgacact 240
 actaactatg gaacatatgt gaanggtggt attgtcactc aagtgaaaca gccaaagtta 300
 ctgaatttca agccattgag ggaagcgctt aangatccan gggattttcn atttagtgat 360
 ttctctaant ttgatcgggc cncnactcct tcacttagca ttccaggcaa 410

<210> 6719
 <211> 500
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-G7
 <400> 6719

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 ccttccttgc tgtcatcgtc ttctcagtc tctcaatttc ttcccagatt ccccaacgcg 180
 actagattca atgtaactcc acggagcaga gccgccaccg tcgtcgcggc atccgtcacc 240

gacctagccg gggtcgacag tacaacaatc gccgtactcg gtggaggatc cgtagcagca 300
 ctccggcgca tggtttcctt aacggatccg ganaggaggc ggaaattgca ggcggaggaa 360
 gttggcggag gcgataagga ggttgtgang gagtatttca atagcacggg gttccaagag 420
 gtggaggaag atctacggtn aagaccgatg aaagtgaatc cgagtacaga agggatattc 480
 cactcgggtca tgctaangac 500

<210> 6720
 <211> 454
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C1
 <400> 6720

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 aagagttggc tttcttctttt ccagggagg agaatttgca tttgttgtgt tctctctagc 180
 caacaggcta ggagtgttc caaatgagct gaacaaactg ctcattatcg tagttgtttt 240
 gtctatggca ttaacacctt atcttaacca acttggaagg aaaagccgcc gattttcttg 300
 atgagagact tgatcccggg agagaaaata cgtgaagatg tnaacttcca atgttaagt 360
 aatcaattgt naacattggn tttggacaaa tggggtcang gttctgggcc aaatttttgt 420
 caacgccccaa ttgggtctca agataagtgn ttct 454

<210> 6721
 <211> 486
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-F2
 <400> 6721

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 tgggtggggg tacattaggc aaagacatag ccaaggttat gcttctgggtg gtgatgatct 180

tgaggatgat gcttgctcta ggccacagcc tttttcttta gagaatccta gaagtaaaac 240
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tggagacagg cactctaata tgatacatat tctcttacgt gatgctcgga tcaaaaggat 360
gcctttgtat ttcgggatgt tgggaatagc tgtgaacatt ataatacataa tctacgaaag 420
catgttatct tggagcatga gaaggtttga tgagaaatgg ggaactgtgg aagtatccct 480
gtggnc 486

<210> 6722
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-123-Q1-E1-F5
<400> 6722

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gagaggcttg agtttgaaga tgggtgacct gttgttttct cagaagttga gggatgaca 180
gaattgaatg atgggaaacc aaggaagata aaaagtagac ggccatattc attcaccctt 240
gatgaggaca ctactaacta tggaacatat gtgaagggtg gtattgtcac tcaagtgaaa 300
cagccaaagt tactgaattt caagccattg aggggaagcgc ttaaggatcc aggggatttt 360
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cttgatcatt tta 433

<210> 6723
<211> 487
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-G1
<400> 6723

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aaaacacggt ggtgctacgg gcggagcaca agaatgaaga aggccggaaa tctgttgata 180
 agttcgaagt gaagacacgt aatccggaga cgatcaagag cgttgagcgg aagcttatgg 240
 agaaagggtgt tcaacggatg gatcgctcatc cttccgatgg gattcctctc aggcgaccac 300
 catcgaagtc aggtcacggc gggaaagtac acgtgggaag gacctgatcg gatggaggat 360
 tacgaagatg cagccggatc caccggcgat ggatgaanga gattctaatt acgacganga 420
 acagggtgaa gaagattggg gatgacgtgg ccgttgaacc ttttgaaagg aaaaggtnaa 480
 ggtgggc 487

<210> 6724
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-G7
 <400> 6724

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 cgactagatt caatgtaact ccacggagca gagccgccac cgtcgtcgcg gcatccgtca 180
 ccgacctagc cggggtcgac agtacaacaa tcgccgtact cgggtggagga tccgtagcag 240
 cactcgccgc gatggtttcc ttaacggatc cggagaggag gcggaaattg cangcggagg 300
 aagttggcgg aggcgataag gaggttgtga gggagtattt caatagcacg gggttcgaga 360
 ggtggaggaa gatctacggt gagactgatg aagtgaatcg agtacagaag gatattcga 419

<210> 6725
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-H1
 <400> 6725

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tccagcttca gatacatatg tgatctttgg tgaggccaag atagaggatt tgagctcgca 180
gctgcagagt caagccgcag agcagttcaa ggctcccaac ctcagcaacg tgatttcaca 240
gggagaaaca tcgaagtgt gcaactgcag ctgctgttca agatgatgat gatgaagagg 300
tanacgaaga gggagtagan ccaaangaca tcgaacttgt gatgacccca agcanggatg 360
tctaaagcca aagggcagtt aaaggcgcct caaacctcgc ctaatgggag atatagtctc 420
tgcccatcaa gggagct 437

<210> 6726
<211> 482
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H3

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ttggtaaaag ttgtattgtc cttcgatttg tacgtgggtca gtttgacgct acatctaagg 180
taactgttgg agcctcgttc ttgtcccaaa ctatagcatt gcaagactct accacagtga 240
agtttgaaat atgggataca gcaggacagg agaggatttc tgctcttgca ccactatact 300
accgtggagc tggagttgct gttattgtgt atgatataac aagccctgaa tcgttcaaga 360
aagcacagta ttgggttaag gaactgcaaa agcatggaag cccagatatt gttatggctc 420
cggtttgtaa caaaagctga tctacatgaa aaaagagaag tacctactga ggatggaatg 480
gg 482

<210> 6727
<211> 428
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H5

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aatgcaagaa tggccaacag tttcacgttc tggaatgatt gtgttgagcc agaggattta 240
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angccagaag gttcacctct caagggatcc tgatgggtcaa gccttatctt acacaagacc 360
ganatgaagg ctgtttctga tataactgtc cggganggaa ttttgaantc caatccttgg 420
gattccgg 428

<210> 6728
<211> 399
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H6
<400> 6728

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gtcatgactg gcaaacagct tttgttgccg ngctgtattg ggatctgtat gtcctcaaagg 180
gattacattc tgnangaana tgctttanat gtcanaattt tgagtatcaa agtaccgcgt 240
ctgcttcana attgggatct tgccgggcttg atgttaacca gntaaataga ccagacatga 300
atgcacgatn actccgtctg gagatanagt caatccngtt aanggcgcta taattttctc 360
aaacattgta acancccggt gtcccctact taagcacia 399

<210> 6729
<211> 407
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-A4
<400> 6729

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gttgacaatg atgcggtgat tgctcagttt tatcaagacg aattgtctag agttgctcga 180
gccgaagcat cggggatcaa tagtcttagt cctacttctg ttgttgaca agactggcct 240
catcctcatc aaggacagga aaatcaaggg gaagccattg atattactca ggaaagtgat 300
attcttcata atcataacgg taacatggaa gataagaatg ttgcaaggat aagatttgaa 360
ggagggcaaa gttcccatct cgtgatgatg actcaatttg gtcnngt 407

<210> 6730
<211> 500
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-A7
<400> 6730

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gaacctcagc tgaccgttct tcagatcgga tcttctgtgt gtaaccgtcg aggaggacnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnngaaac 240
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cttggttctgt tctgtatagt tgtgttctca ttctctctcc tcttctcttc ggtgatctcc 360
accggggcaaa ttgggattgc cttatcanac aaaccctaan cgacnatttc ggtgtgggtct 420
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attgaagtgg ccctggcana 500

<210> 6731
<211> 444
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-B12
<400> 6731

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tgggtcgcca aaacattgtc gtcgtgggtg cctcgtctt catggccatc attggccttg 180
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 aaaccgatca tgtcgaggct ccagtcaccg atgaccaa atcggaaccacc gatgacgatg 300
 cagctcctac tcttgggtgac ggtgacgttg cagtggctgg tctcttagga agtgactcct 360
 cgtacgacaa tgcgcctaca ggctctgtg attctgcaa aagcgggtgcg gcagctcttg 420
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<210> 6732
 <211> 496
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-B3

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 caacgtcgag agagttacgt tattgaagca ggaagtgagt aaaatgctca atgaaacgga 240
 aggtttactc gaacagctag agctcatcga cactttacaa aggcttggag tttcttacca 300
 ttttgaacaa gaaatcaaga agacactaac gaatgtgcat gttaaaaatg tgcgagcaca 360
 caaaaaccgg atagatcgaa accgatgggg agatttatac gacgancgcc cctttgagtt 420
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<210> 6733
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-B6

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tacttgtatc taaccgttgg aggtacactc tccaatgcag gaatcagtgg tcaagctttt 180
caccatggtc ctcaaattan taacgtcctt gagctcgacg ttgtaactgg gaaaggagag 240
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ggccaatttg ggatcatcac tcgagcacga atctctctcg aaccagctcc ccaaagggtt 360
gagatggata cgggtattgt attcgagctt caaagtgttt acggaggacc aagagtactt 420
aatctcaaat gcatgggcaa ttaaagtttg attacgtgna agggttttgt ganntgngga 480
cgaaaggacn cgtcaaca 498

<210> 6734
<211> 384
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6734

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ttttgatggt cgctgggtcg tttcagagaa agctgaatac caagggtgtg ggaagcacga 180
gaagagtga gggcatgatg attatggact tctagttagt gagaaagcta agaagtacgg 240
aatagttaaa gagcttgatg ttgatgagcc tctaaacctt aacgaaggaa ctgttgttct 300
tcantacgaa gctcgtttcc aagaanggct tgagtgtggt ggtgcttact taaagtatct 360
tcgtcctcaa gaagctggat nggt 384

<210> 6735
<211> 416
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-122-Q1-E1-A1
<400> 6735

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 tgggtggaag acgattaaga gtttctaaac tatcttgctc tattcgggta tcgttaagag 180
 tttctgtgag taatgggttg aagctggata tcaaataatt tagtggttaa aagttcaact 240
 tgatagtaag atgtggattc agttatctgc ctgataaggt tattaagatt tgctagcaca 300
 ggaaatacta acactgtcat ggattcaatc aagttcatan tttctttgga tgtcatatat 360
 gaataatagg ttgcanattc ccaatccnag angttaaagt gtcaacctta aganta 416

<210> 6736
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 cttacagttc ttcaatacct gctgaagacc cattgaagtt ggacgagtgt cgcttagcag 180
 gaaaatatct tctagaattg ctaaagatgg acttaaaacc ccgtgacatt atcactccaa 240
 aatcacttcg taatgcaatg gtttccgtca tggcccttgg gggatcgaca aatgcagtat 300
 tgcattcaat tgctattgca aggtctgttg gtttggagtt gactcttgac gattttcaga 360
 aagttagcga tgcggttcca tttctagcag atcntaaacc cagtgggaag tatgtt 416

<210> 6737
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A11

<400> 6737
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 tctcagcttc ttacttgctc agtggcaaga tctcttgccct tgactgccac cgcgatttcg 180

acttctcagg cattaaggctc ctccttaaat gcgacggaga gaagaaacaa ataaccgcgg 240
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<210> 6738
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A2
 <400> 6738

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 tggtagaaga agctacagtc tgattccgat ggttattgag cactcatcgc gaggagagag 180
 agcttacgac atctttctctc gtttgcgtcaa ggagcgtatt atctgcatca acgggtcccat 240
 taatgacgac acatctcaag tcgtcgctgc tcagcttctt tacctcgagt ctgagaatcc 300
 ttcgaagccg atccatatgt atctcaatc ccttgggggc catgtcaccg ccggtcttgc 360
 aatttatgat actatgcagt acattcgttc tctattaan acaatttgtt 410

<210> 6739
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A4
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 atacggttat tcccgagat atggcttgtt tggatgcaga tttgttgag cttcaggaaa 180
 tgttctctt tggtctcaat tctaaacctg gattcactca gaagctcttc gaccagtggc 240
 tttctcttcc cgaagctcag cgacaggttg gatcattgct taaggatgct gtagctggag 300

ctcctatcaa tggtactggg aagtgcacgc ggttctaatt ctgccactat accatctatg 360
 tttcctgcgg ggaagcgctc ctctcttttc aacaagaant ttgtg 405

<210> 6740
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A9

<400> 6740

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 ctcatctctt tggtcaatct caaagggtttt tgangtatca gcaaagatgg gtgacaatct 180
 tatggacaaa gttaccgcat ttggtgagcg cctgaagatc ggagggttcgg aagtgagcaa 240
 caagatcagt gctggtgtga agctcaaag agctttaaag tgaanggaac nttttcaagg 300
 tccaaacca actgataaaa tagtccgaag atgctactac tgagaatcta gaaggaacct 360
 gactgggata ttgaatttgg gnaatttgtg ata 393

<210> 6741
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B2

<400> 6741

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 acttcttcta gataatcggc gacacatatg gatgattggg aggccgngga ctttcaacca 180
 cttccctcaa aagttgaact gaaaagtaac tgggatgatg aggatgtgga tgagaatgan 240
 atcaacgact cntggggagga ggaagatgta tctgctccgc cacctatagt aaagcctgct 300
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<210> 6742
 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
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 taatggcggc catagctcgt cttccactaa ctcatctctt tccctccatc ttcaatcctt 180
 catccttctt ctctcagtct ctctcttttc ctacttatct ccatcgctct ccctttcgct 240
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 gtgattctaa tgcgtcgatt gttggggatn ttctggatta tcttaatgaa tcctggacac 360
 agtttcaacg ccaactgctga ggcgaaagna gacaagcttt tggctgctgg gtttgatccc 420
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<210> 6743
 <211> 453
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B4

 <400> 6743

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 gttcacagat ttgacccgag tctttaatcc aatctgctgg ttcgttttcc acattcaaac 180
 tcgactcttg aatatcaaata cagaagtctt tgctatggct gctaccgctg ctgcttctgt 240
 tgtccgttac gcacctgagg atcatactct tccaagccc tggaaaggcc ttatcgatga 300
 tagaactggg tacttgtact tttggaatcc tgagaccaat gttactcang tacgagaaac 360
 caacccctc tctacctctt aagttttctc ccgccgtttc tggtanctct tccgttcang 420
 ttcaanaaac tgaagcctaa gntcctccca agg 453

<210> 6744
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B5

 <400> 6744

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 aactaacaga gcaactgagg ctggttactg gaaagctacc ggaaaagaca gagagatctt 180
 tagttcaaag acttgtgcac ttgttgggat gaagaagact cttgtctttt acaaaggaag 240
 agctccgaaa ggagagaaga gtaattgggt tatgcatgaa tatcgtcttg aaggcaaatt 300
 ctcttaccat ttcattctca gaagctccaa ggatgaatgg gtgatctcta gggttttcca 360
 agaaaaccac tttagctagc accgggagcc gtctccgaan gaaga 405

<210> 6745
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-C10

 <400> 6745

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 tctcagacta agtttcacca ttgcccgcgc tggatttcta cgccgccgtg ctcatctttn 180
 tccacggtag tctcaatggg gggcttgaat cggantgatt cgaaaaagct ccgttcagat 240
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 tcattagctg tgaaaatgtc gtgggacggg cctcttgctt ccgtcaagtt gatcatccaa 360
 ggaaaaaacc tcgagttatc agagncannt aancagcatg ttgaagagaa cctngggcaa 420
 atctgttnag aaagacaggt nagtntgtga gagaacgtnn gaagt 465

<210> 6746

<223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-F8

<400> 6750

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aagaagcttg attaggtttc cgtagtgtgt gattttttta aggttctgaa cactgatgtc  180
aaaccattg aaagagtcaa gagaggatat tgcaaattct actcctcaca tgagggataa  240
tgagtatgtt cggctagttg tggctcatga agcctcccca gctgaaaccg tgttgtctct  300
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caaaaggttc ttattcca                                     438
  
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<210> 6751
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-121-Q1-E1-F9

<400> 6751

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cggatacatt acttcagatt gtgacgcagt ctcaatcatc tacgatgtc aaggctacgc  180
taaaagccct gaagacgctg ttgctgatgt cctcaaagct ggcattggacg taaactgtgg  240
atcatactta caaaaacaca ccaaatcagc tcttcaacag aagaaagtgt ctgaaacaga  300
cattgacaga gctctactca atcttttctc tgtaggatt cgtctcggtc tctttaacgg  360
cgatccaacc aaattacctt acggaaacat taagtccata cgaagtttgt tca         413
  
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 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-121-Q1-E1-G10

<400> 6752

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tgtttctgga gctaagttcg atgagcttta tcgggtcaagc tgggctatgg atcattgtgt 180
caacgaaggc gaagtcacaa aactcaagct tgacaattac tctggagctg ggtttgaatc 240
aagaagcaaa tacttgtttg gtaaagtctc tatccagatt aagcttggtg aggggtgattc 300
agcaggaaca gtcactgctt tctacatgtc ttcagatggc ccgaaccaca acgaattcga 360
ttttgagttc ttagggaaca ctaccggcga gccttacata gtccaaacca a 411

<210> 6753
<211> 396
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-121-Q1-E1-G11
<400> 6753

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ttggaatctt taggcgaaa ccgcggcccg aagctgacca gccggtaaag acagaggaan 180
agtcattgaa gctagaggat gaaaccggta acaaagtcaa gcatgtncat aaaggagtga 240
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acaagagacc ggtggatana gccaatcca agaaaa 396

<210> 6754
<211> 505
<212> DNA
<213> Arabidopsis thaliana
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<400> 6754

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<210> 6755
<211> 448
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-121-Q1-E1-G4
<400> 6755

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tctctttaat tccggtttca atctctattc ctttcatact ctttcacgga attggagata 180
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<210> 6756
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-121-Q1-E1-G5
<400> 6756

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<210> 6761
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<210> 6762
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
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<210> 6767
 <211> 478
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 tccaggatga gaaagagacg aaacatctag aaggtctcga aggtgcagcc acacgcctcc 240
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<210> 6768
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-D7
 <400> 6768

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6767-6768

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<210> 6769
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 <212> DNA
 <213> Arabidopsis thaliana
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 gctttgcttt ggtccaacta ctatgcctga ttgtgtcgtt gtgtttgatt ctganaggaa 240
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 caagtttggtg tatttgttct gtaatgtgat caccangtgc tttttggcag aacanatgaa 420
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ctaagtctg ctgacgccga tacaacaaag aaaattgtat ccaaattaaa acgccgactg 180
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aagcaatata caaatgatata tggagtgata tctgcattct tcttcaacta tgtgaagctc 300
aatcctggcg aagccttgta tcttggtgca aacgagcccc acgcatactt attcgggtgag 360
tgccttgang tcatggcgac ttcagacaat gtactacgaa gctggggtca attncaaagc 420
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<212> DNA
<213> Arabidopsis thaliana
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tctccattc gccgatcgag ctcttaaaat cgtctccgat gcttggttcg ttctctctga 360
ttcgttcaag aaatcattct acgancgaga aattgcaaac ttaagtcaac tcggtcaatc 420
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<210> 6772
<211> 474
<212> DNA
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<223> unsure at all n locations
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<400> 6772

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 ttgcaaatta tggaacgctt taaccaaaga tcgggttctg ggtaaagcag cggcgagctt 180
 tttgggggtt atgacgatgg attcaaaggt ctgttcagtt agattccatc tccgtcgcag 240
 caaggaggaa gaagaagaca cgatggatct atctataaag caggtagatt tgcttaatca 300
 agtcgagata tctagagtgt atcactgcga cggcttggtt ttancgtggc taanggacaa 360
 ctcgaanggg tccntgggtt gggaanccct taatttgggg gcaanacaaa gatgggattc 420
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<210> 6773
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-121-Q1-E1-E9
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 ctttacggtg ctacgcacac tctctacaat gtcgatggag gtcacgcagc cattgtcttt 180
 aaccggcttg ttggtatcaa agacaaggtc taccctgagg gtactcacct tatgattcca 240
 tggttcgaaa ggccaatcat ctatgacgtt cgtgcaaagc cttatctagt tgagagcaca 300
 tctgggagcc gtgatctcca gatggttaag attgggcttc gggttctcac ccgtcctatg 360
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<210> 6774
 <211> 507
 <212> DNA
 <213> Arabidopsis thaliana
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atgcctcggc ctcgattttc cgaccttgta cttcaaagcc aagattcctc accggttctt 180
 ccggtatggt gaaccgcgac ttgtcgttta catcgatcgg ttcacgcggc aaaacgtcgt 240
 cgttcaangt tgaagctaag aaaggagaat ggttgcccgg tttggcatcg cctgattatc 300
 tcaccggcag tcttgccggt gacaatgggt ttgaccggtt gggtnagca gangattcaa 360
 gagaacttga aatggtttct ccaagcaaga nctgtcaaac ggaccaatng ggctaagccc 420
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<210> 6775
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana
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 attagagttg ggaaaataga tgatgttcaa gaactcataa aatccaaacc aaacaaagtt 180
 ccagagagat tcattagaga agagtatgag agaggagtcg ttgtgtcgtc tcttaagact 240
 catcatcttc atcatcagat tctgtttatt gatctctcta agctctctaa acccgacaat 300
 gatgatTTTT tctttgagat tcttaagctc tcacaagctt gtgaagactg gggatttttc 360
 caggttataa atcatgggat agaagtggag gttgtggaag atatagagga agtggcttca 420
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<210> 6776
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-121-Q1-E1-F12

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 taagatactg gacagtcaat atatcggaat ccggcgaaca agaggagatg gaaattgctt 180
 cttccgaagt tttatgttct cttaccttga gcatatattg gaatcacaag atcgtgctga 240
 agtcgatcgt atcaaggcca atgttgagaa atgtagaaa actctgcaaa acttaggtta 300
 tacagatttt acatttgagg acttctttgc gttgttcctt gagcaactag atgacattct 360
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<210> 6777
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana
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 gaggttgagg ttaagtctcc ggctgaaaag ttctgggtag cccttggcga cggcatcaat 180
 ctcttcccca aagctttccc taacgactac aaaaccatcc aagttctagc cggcgatggc 240
 aacgctcctg gctccattcg cctcattact tatggagaag gatctccact ggtgaagata 300
 tcggcggaga aggatcgaag cagtggattt gggagaacaa aagcatgtcg tacagcatca 360
 ttggcggaga aatgtttgga gtactacaaa accttcaaag ggaccaacaa cgtaaccccc 420
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<210> 6778
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6778

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aagtgtctca gggagataca taatacctga agatgtccaa ggcaagtgat gccgtcagag 240
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tcangcacat tcgttgccgg tctgtggttc ttttgcgctc cggttcttgt gcgggataat 360
ccttcaacct gctcangctg caaattaagg natggacctt tcaantganc aatagcctga 420
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<210> 6779
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-C3

<400> 6779

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aggtatcaaa acatacttcc tctcccaaaa taatagacag tggcttgaat cagaagacgg 180
taaaggcatc ttctccaact aatcgggctt tattctctga aactgatgga gcacgagaat 240
caaaagcacc tgcagattcg catcttccat cttcatcttc accttcaccg ggctcatcga 300
atttgtcacc ctctttgaac tctgcaggga gcgaggccat ttctactcca aacgtggtag 360
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<210> 6780
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6780

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<210> 6781
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6781

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 tgcagacaaa gcttatacga agctgtatct actgactttg atgggtgaaat atcaaaaacc 240
 ctaaattaat tttaaaaaaa aacacatttt tttcttctt ttgggtttttc ctctgagggg 300
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<210> 6782
 <211> 392
 <212> DNA
 <213> Arabidopsis thaliana
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 aggaaagctt tagtctttta ccagtttgat ccaattctgg gtttctactga aaaaaaagtt 180
 gggagtttga ttctttctaac tgtagaagaa acagagtcaa cagaagaaaa ctaaaaaagt 240
 tgagattttt ctctcacgcg ctcaagaact tgagtatgtc ttcttctgta gcagtgttat 300
 gggttgctac ttctttctcta aatccaagac ccaatgaaca attgtggggtt ggtaagggtt 360
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<210> 6783
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<400> 6783
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 gttgcggaaa aagctgtcgt ctccgatgga ttaactatct ccgacctgat ctcaagaggg 180
 gtaacttcac cctcgaagaa gatgatctca tcatcaaact acatagcctt ctcggtaaca 240
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 cctccttgtc aagaatt 437

<210> 6784
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana
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gaaagtgctg acttgcaagt actttgagca tgaaatagca tcaaagcttg ttctagaagc 60
tcttttcttc aaagcacgaa gccccacaca gacaacgtag cctagcctcc gaagaatctg 120
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ggggactgtt cccgtcgggt agagtgtatt cgcaggcctt tcacttggga ggtcaagggg 300
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<210> 6787
<211> 394
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-D8
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gggtgggtggn gcatggccgt tcttaattgg tggaacgatt tgtcaggta attccccgtt 360
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<210> 6788
<211> 432
<212> DNA
<213> Arabidopsis thaliana
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caccggtggc cgtagcgaag ccgaggttat gaggtatcta cnaggcatgg ttggtgaaac 240
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aaagacaatc ttcgtttcgt cgatgancat aacgagaaga atcttactta taaattgngt 360
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<210> 6789
<211> 428
<212> DNA
<213> Arabidopsis thaliana
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aaacttattc tgagggtaga ccgtgattgg agagataatc ttctggaggc atttactatt 360
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gaagacat 428

<210> 6790
<211> 426
<212> DNA
<213> Arabidopsis thaliana
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<400> 6790

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 aacattggaa actctctctc tgtttttggt gatacaanng caagtgatta ngcttaataa 360
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<210> 6791
 <211> 396
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-F8
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 aaccttggtc tcaaggagtt gtgcgtaaga tcttgatctt gtctcctgaa tctgagctta 300
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<210> 6792
 <211> 422
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-F9
 <400> 6792

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ctgctctttt cactgtgttc ttcgggatcc ggggaggttc ttccaagctc ggcttatctt 300
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tcgtccacaa ctcaattgct ttctggctta ganttgctat 400

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<211> 367
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6797

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ctcancttgg ntgtgttgtg ccatggaaca aatgctgaga acaagtttct atgtccttgc 300
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<210> 6798
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-H7

<400> 6798

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ccaggaaatg gttaaaaggc atggagagtt ttgatttaca agatatatca tgtcgcagtg 180
catagacggt ttcaagcatg tatgtccttc ttttttccgg tgttttgata tcnatattta 240
caancaatct ggaggccttg gtgaccctga acttcttgcg acagagacag tttttaagcg 300
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406

<210> 6799
<211> 459
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-H8

<400> 6799

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tgtcatggcc caagtcacct ccgagaaaca attcagagtg ctcaacgaac ccggctacgc 180
cccatacatc accgagtacg acgcgagtta ccgattcctc aactcaccga atcagaattt 240
cttcacaatt cctttccagc tcatgtttta caatacaact cctagcgcct acgtgttagc 300
tctccgagtc ggaacgagggc gtgacatgag ttccacgcgt tggatctggg acgccaatcg 360
caacaacccc gtcggagaca actccacact ctcatcggc cgaaacggaa acttgtgtc 420
gctgagttaa acgggcaaag tcaagtggga agacnaaca 459

<210> 6800
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-A11

<400> 6800

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agatcgagat aaagaggata gagaacgcan acaacagagt ggtgacgttc tcaaagagga 180
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tcataatctt tgcaagtaat ggtaagatga ttgattactg ttgtccttcc atggatcttg 300
gtgctatgtt ggaccaatac caagaagtta tctgggcaan gaaactatgg gatgctaagc 360
atngngaacc ttagcaatga gattgntang atcaacaaat agaatgntan cttacaactg 420

66449943660

ggagctcang catttnanecg ggagaagata tacagtctct caacntgaaa aatctg 476

<210> 6801
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-A3

<400> 6801

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cggaacaaca tcagccaata aagccctgaa ccctaatttt cttttggctt tggctggaga 120
acgactgtan gtgtgttcaa caatgtcgtc gaggaacttc aatccatttc aaaactgggt 180
cgagaaacca ccgaaccag tcccgccat caacttcgtc tcgctcgctg antccttctt 240
tcccaagtcg cagtctccga atttcncttc gattggactt ccaaaattct caaagaagtn 300
cccaaaacc gaaacagcag gaaccgacga accaggaccg tacaagcaaa tagcnagatc 360
agttcntatg ggagtgtgag aacataccgg attacaggca cactccagaa gtggggtnaa 420
gcntctcaac gaaagattca ngntttccna gaancgaagg ggaatcccgg gcncgg 476

<210> 6802
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-A5

<400> 6802

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tttttcagtt ccccgatcgc cggaattttt gccggtgatg taattttccc gcgccttttt 120
tgggaggtga attttttttt cttcnaaaag ctcgagaaga gtgaaaacc cagaaatgac 180
cttgcgattc gtatggctcc ggntgttttc gctaccttaa acgaaccgtc gtaccaggaa 240
caatgcggcg ccgtttttat gaggaatttt acaaccaat ccgtcaccga aaacaccaat 300
aaccttcgc tcttcaacc taaccnaac cctaatttcg aaaggagcaa ttcgagcaag 360
cagtgcgatg actcgtcgga atttggaang cnatgcgach tttaatctcg ctgggnacac 420

<210> 6805
 <211> 372
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-B3

<400> 6805

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aaaccatgcc gggatcactc gggcatgaag aacaanatgc caagacattt gcctcatggg 120
ggattgatta cctcaagtat ganaactgct aaaatacagg gacaagtcca agagaaaagat 180
accctaagat gagtaaagcg ctgttaaatt caggaagatc catantcttc tctctgtgcg 240
aatggggaca anaggatcca gcaacttggg caggagatat tggcaacagt tggagaacaa 300
caggagatat ccaagataat tggnaaacca tgacattgat agcggatnag aatgatcgat 360
gggnatctta tg 372
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<210> 6806
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-B5

<400> 6806

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gtcaaaagtt tcgtcgcggg tgttttacgg aggagaaaagc taagcanttg aggaggaaaa 180
ccgcagaagc ttccacgttc catgacgtaa tgtatcactc cgccattgct tctcgacttg 240
cgtctgatat caccggccga gtcgaggatt gaaacggatt cgggtcagat ctggagacga 300
atcaattaat gaataattaa tctttttttt cttaattcan tgttcttgta ggatgcagac 360
catcttctat cggtgctcct ttttcaattg aaccgttggc ttgtgtttgg tcnttgtgtg 420
ttgtaaactc cagnttcctt tcc 443
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<210> 6807

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-G3

<400> 6809

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aaacggaaag caatcgacgc cggacatggc tcgcagccga cggcgtatcg aggctcagat  120
ggtgtagatc tttctctcct tgaagcactt gagaagtctt cgcataatgg agtagaagcg  180
cttgatctta aaaccctaaa aaagcttgtc ctctccttcg agcggcgtct tagagacaac  240
atagctgctc gtctcaagta tgtggagaat ccagaaaagt tcgctgactc agaggttgac  300
ctacacgacg atcttcagaa gctcaaggtg ctcgctggag ctccggaact ttacccggac  360
cttgttgctt ccaatacggg tccttcgatt gtcaatctcc tctctcatga a          411

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<210> 6810

<211> 463

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-118-Q1-E1-D7

<400> 6810

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cgtgggctca ttagggtctc tctgtttctg ggcaaatttt cttcatctcc gccgttttgc  120
ttcaatacag atttctggga ttttttttac cgatcaaatt taggttttcg ttttactca  180
gaaccttaga aaccctaatt ttgatacatt agctttagag aaccttccat cggatccgtg  240
tacaataaaa aagtttgcgt ttttttttct cttaaatcga ttgaacgtgt ttgaagatgc  300
ctccaaagca acanccaaag gctgatttgg cgaagaagca gaaacaagtg gaagacaaaa  360
ctttcggatt gaaaaacaag aacaagagca agaattgtca gaagtatgtt cagagtctca  420
agcaatctgt tcagccnaaa cccgatgcaa ctaaagctgc agc          463

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<210> 6811

<211> 413

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-E2

6811 6812 6813

<400> 6811
acgcgtccgc ccacgcgtcc gccacgcgt ccggattgat gtgtttgatc ccaagttcaa 60
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attgactaag ttccactctg agatcgagga gtcctcttac agcgatgttg agaacaaaga 180
gcacttatgt gtgctcaagg acaagaagaa gccgattctc ttcacaatgg ctaggcttga 240
tcgtgtcaag aacttgtcag gtcttggtga gtggtacggg aagaacaccc gcttgcgtag 300
gctagctaac ttggttggtg ttggaggaga caggaggaaa gagtcaaagg acaatgaaga 360
gaaagcagag atgaagaaaa tgtatgatct cattgaggaa tacaagctaa acg 413

<210> 6812
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-E3

<400> 6812
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ttcctcccta aagagagaaa ggatgtcctc acttctactg cttggtggac tgcaatggct 120
gctctgcttg tttgtctcaa cttcacaatc ggtccaatc aaatgctcaa actttatgga 180
attccttact gggtaatgag ccgctgttac tccctgttt cagcctgagc aatttgtgta 240
ttatttctc tgccttactc aaaaagggtt ttatgtcaaa tacagataaa tgtaatgtgg 300
ttggactttg tgacttacct gcatcaccat ggtcatgaag ataagcttcc ttggtaccgt 360
ggcaaaggta aaaatacata ttctctggct tccactgttc tttgacnaca tcgctctttc 420
ttttaagggt taaancc 437

<210> 6813
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-E5

<400> 6813

tgaagatggt gagaaacatt tcccgggtac actaacagcc attagagact ggttttagaga 60
ctacaagatc ccagatggaa agcctgctaa cagatttggt cttggagaca aaccagcaaa 120
caaagactat gctttgaaga tcattcaaga aacaaatgaa tcattgggcta aacttgtgaa 180
gagatcagtt gatgctggag acctttcact ttactgaaca tattttgcaa tgtcgactta 240
tgagggtcgaa taatgaatag actcaagatt cctatatcat tcttggtgtt tcctttcaat 300
tgagatgtaa acattgggat ttggattttg tttttcacca ttgatgactg agaagtaata 360
aatgacttt ctgctttgga aaaaaaaaaa a 391

<210> 6814
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-E8
<400> 6814

acagnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn tcatttactt tcttcaacct tegagtccat caatgggtcac tctcgagacc 120
aacacaatca ttctatagat gatttcgaga gcattttcga catcaccatt gacaatttaa 180
gctgctctaa cgaactcacg tgggatttct ggnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnaa aagatcgagt actgatcaag aaggctcaag ttttgggttt tgggagaata 300
agccgacgga ttatgaagac aaagacttgg gtctgaagct gaatctgaac catcaagaag 360
ttatccgatg cttggtctga tcaccangaa acctctgtgg gacagatact tca 413

<210> 6815
<211> 462
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-E9
<400> 6815

ngtttacgcc gccaggaacc ggtcnaagaa tccccgggga aaaaggtaac tgctttttca 60
tctcttaatt ataactcctt tctctcttc tctctcttc tccatgggtg gggtctctt 120

ttagtagatc tctgcaccac ccaaagccca aagctcaaag ctttgcacag aagatacaga 180
gagaaagaac cacatacaaa aaaaaagagt ctacttttct ttttgtttct acttgctatt 240
tattactttt cacaccacac cctctgggtca aatgtctttc tctctactct tctttccttt 300
ggtctgagac aacagtagca agagtccgtg aaagaagaaa acaaaatggt aagaattttg 360
aagaagatga gggaaaagga agcaacttta tctgtttatt tgacttgagt ctcttcgac 420
tacatctgga ttttgcaagc aattcctcct gaaggaaaaa tg 462

<210> 6816
<211> 389
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-F11

<400> 6816
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tgttgattct ttactccgac tattatgagg attgtacgtg cgacggagac gttctcggcg 120
gagcttaaag agttcatgtg cgccgctgtg caaaggagga aagacgacga cggattcaga 180
ggctctcgtg gcggtggtaa atctagaaat gccatggac ttgattctga cgccggaaac 240
agattgggtt gtgttactgg tgggtgttct taccttgggtc gtgccattgt taaacgtctt 300
cntgttcatg gatactccgt tagaatcgtc gttgattgtc cagaggacaa angagaaagt 360
ggagtgagat ggaagctgac gcCNTaaaa 389

<210> 6817
<211> 417
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-F2

<400> 6817
gaacgaatca gagattttta ccgatatccg tcgctctctc ctctccgctc gtcgtgcttc 60
gcttctcttg cgtgtcatct ttttcgacaa acccaaaatc aaggcagaat ctgataatcg 120
aaaggacca gtagaaaact tcgagaggaa tcaagggtta gaagccctaa cttgatcgct 180

6816-6817

aattcgagaa tgaagcattt ggattgaggg caaaaatcga cgttttttaa aagtctgaac 240
 tgaggtggat tcgttgagat catctgatca aatgctcttc gtggaagtaa acatttgagg 300
 caaaccaggt cggtacaag gtaaggggggt atgtcnaagc aaaacccgga atatgcttga 360
 aggtttgggt taanagatac ttctttttaa atggttgctc gggaaacaaa gttcttt 417

<210> 6818
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F4
 <400> 6818

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 atcaaggacc taagacagaa gcaggatgta ncggcggagg aggaggagag agctcggaga 120
 cagtggcggc gagtgatcag atgttgttgt atagaggttt taagaaggcg aagaaggaga 180
 gaggttgtac agctaaggag cgtattaagt aaaatgcctc cgtgcactgc tgggaaaagg 240
 agttccatat accggggagt caccagacat agatggacag gtcgttatga agctcacctt 300
 tgggataaga gtacctggaa ccaaaaccaa gaacaagaag ggaaaacaag tttatctagg 360
 agcatatgat gatgaagang ctgctgctag agcttaacgac cttgctgcct taaaata 417

<210> 6819
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F7
 <400> 6819

acgcgtgggt tttgananga gcgactctgt tccttcgccg ccgatacgca ctcttcttca 60
 tcggatttgt tcctctgggtg ggattgtagc tctccatgtg ttgtacnaat gcctcttatg 120
 acaatgtttt ggagcttata ctcaaattct gtgaaaactt tgnccgtggg aattgtgang 180
 atcctgtang atgaagatat ccttgaattg catatanggc tttgttgant gangttctca 240
 tctcttgcca cctaanggtt ttgattcngc cactgtanct gctanggggt cgcttctgga 300

agaaatatgg gtgagactct catcatcatg ctgtctatgg agaactagca cccgtcaaca 360
 cnggtatcca tggattcagg tgcttttact catcaaggaa tnaag 405

<210> 6820
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-118-Q1-E1-F8
 <400> 6820

acgcgtccgg ctttatgcct gcttgtgtga caatctttga caagaattgt aaaccattga 60
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 gtgtggctgg attcggtaac ttgcctggtg atatggcctt ctgggatgtt gtaaataaga 180
 agcagctagg aagtaataaa gccgagtggg ctgtgacaag tgaatgggtc ccagacgggc 240
 gttattttct gactgcctca acagcaccaa gacgtcaaat tgacaatggg atgaaaatct 300
 tcaactacga cggaaagcgt tattataaga agatgtttga gaggctgtat caggctgaat 360
 ggaaaccaga gtctccaaga gaggttcggg gacatcagtg aacttatcaa 410

<210> 6821
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F9
 <400> 6821

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 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnaac acccatcacc atcgtcacca cttggccaag 180
 cacaactaca aagatgctct cactaaatca atcctcttct ttgaaggcca aaggtcaggg 240
 aaacttcctt ctaancagag aatgngttgg agaagagact ctgggtctctc tgatggctct 300
 gctcttcatg tggatttggt tggnggggtac natgatgcag gagacaatat caaatttggg 360
 ttcncaatgg nattcanaag cacaagtggt tttaangg 398

<210> 6822
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G1

 <400> 6822

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 tctctctcag atctctctct ctctgtgatt caacaatggc gggtttcttct tcttcgtttc 120
 tatcgacagc ttcactaacc aattccaaat ccaacatttc attcgcttcc tcagtatccc 180
 catccctccg cagcgtcgtt ttccgctcca cgactccggc gacttctcac cgtcgttcaa 240
 tgacgggccg atctaagatt cgtgaaattt tcatgccggc gttatcatca accatgacgg 300
 aaggcaaaat ccgtgtcatg gatcaaaaca gaaggcgaga aactcgccaa gggaagagag 360
 tgttgtgggt gttgaatctg ataaaagncg atatggatgt agaaacgttt tacgatgggt 420
 ancttgctgc gattgtcgtc ggagaanggt gaaacagctc cggttggtg c 471

<210> 6823
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G12

 <400> 6823

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 gccacgcgt ccgagaagaa caaaaaccaa aaaaaaaccc cagaaaatca gagaaacata 120
 ngcgaaccga cagagaaaaa aaatgtcttc gccaaagcaa cgagagaaa tggatatgat 180
 gaagctgatg atgagcgatt ataaagtgga aacgatcaac gatggcatgc aagaattcta 240
 tgttgaattc aatggtecca aagacagtct ctatcaagga ggtgtgtgga agataagagt 300
 tgagcttcca gatgcttata cttanaaatc tccatctgtt gggttcanta cgaaaattta 360
 tcatecta atgtgatgaac tgtcgggggt ctgtttgttt angatgttnt taaacaaaac 420
 ttgggagtc tangntcgac cttgtnaaat gntgtttgag aacatttt 468

<210> 6824
 <211> 466
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-D3

 <400> 6824

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 ccatcttcgc tcagatcttc cccgtttcaa ctctttggat ccagattctc ctctttttta 180
 tgtaggtaac acgcatatca agtggttaaag agtcaagatc acaaaaagtt ctatcgggtg 240
 atctgggctg ctttcttttg taatcnaatt gcagaaactt tgctctgact tggatagctt 300
 cgtaaaaggt tcaatctttc tccgtttttc atcaatgagt agtaactaat ctggaaattt 360
 gttgggaaga gaaagggcac attgcactgc tattgctaga gaangtttct gcatccatgc 420
 tgggtagaga gcatgcgtgg anactgtggt ttgggggtgat gccctt 466

<210> 6825
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H4

 <400> 6825

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 gttagggctc ctgggctctt actctgtcgc gttaatcttc aacctcaacc caaatccca 120
 tctttttcct acagtcttcg ctctgattat cgtcttcata atggtttctc caattacatc 180
 agacgtaact caattcgnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnatctgt tttgttcaac ggagttcaat gcttaatggt 300
 cgtctcttct cgacttctac tcccaatcca gaccaaacca ccaccaagac taaggaaatc 360
 aagacaacct cgtcggattc aagactcagc tatggctgac atgaagattc tccgtacgct 420
 tgctggctat ttgtgggatg agaagacaat ccagaaattc cgtttcaagg gtcacgctg 480
 ctttg 485

<210> 6826
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H7

 <400> 6826

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 gtcacattc cgatgctcag attaatacca cgtaaccgtt ccctatgacg ttgtctccgt 120
 tcttcgtctc ttcaaccttc aattttgcaa accctaaacg tttcgttcgt tagtcgcgcg 180
 tactcagatt tcaatgttga tcgtcgatta tgtgggtgat tgctacgtcg ttaccagat 240
 gttccattga tattctaggc atggcacaac catgaagagc tttctggcgt gagatacaat 300
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 attgactcat tgttcctata gtgcatcaac taaatctttt tgtatgagga cactcctaaa 420
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<210> 6827
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-A2

 <400> 6827

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 ttcgccaaag ttatcgctgt ttcaggcagc gggcaacaac acggtagtgt gtattgggtca 120
 aaaggtagtt ctgaggtatt gagatcattg gattcaaaga gatcattgaa agaacaactc 180
 gaaaacgctt tttcgggttaa ggaatctcct atatggatgg atagtantac tacattgcaa 240
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 gtgtatnana gcacggacag gatttcgctt gttagctctt ttatggcgct cttgttggtt 420
 ggacaataag cttgtaatga atnaactgat cctgcctggg aatgaatt 468

<210> 6830
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-A6

<400> 6830

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 cctggtgtat atgctgtgaa gccgattgat cttctgttaa aaggacgaac tcatcgaagt 180
 agaagatgtg tagctcctgt gaaaaggaga attggatgta tcaaagcggg ggctgctcca 240
 gttgcaccgc cttcagctga cagtgcagaa gacagggaac agtttagcaga aanctatgga 300
 ttcagacaaa ttggagaaga tcttctctgag aatgtcacct taaaagatat catggataca 360
 cttcccaaag aagtgttttg aagaattgag gattctgaaa agcctttgaa antccggt 418

<210> 6831
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B1

<400> 6831

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 cctccatggg tcctttcacc gtcgagatgt attacaaaca ctccccgaga acttgccgga 120
 acttccttga gctatcccgg agagggttact atgacaacgt tctgtttcac agaatcgta 180
 aggatttcat tgtgcaagggt ggggatccta caggaactgg aagaggtggg gaatccattt 240
 atggttcgaa gtttgaggat gagataaaca aagagttgaa gcacacagga gccggaattt 300
 tatcaatggc gaacgctggg cctaatacaa atgggagtc aattttcatc accttaacct 360
 cacaaccgtc cttggatggg aaacacacaa tatttggtta attttgccaa ggcattggagg 420
 ngattaaa 428

<210> 6832
 <211> 409

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B10
 <400> 6832
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 tcaactcaaat cttcaacgct ttaatgagtc ttatgaggaa atttatattc aaagttctac 120
 gcgtcgggcc aatccctact aacatttctt tcatcatgga tggaaaccgt aggttcgcca 180
 agaaacgcaa tcttgaaggc ctagacgcag gacacagagc tggtttcata tccgtcaaat 240
 atattcttca atactgcaaa gagattggtg taccgtatgt cacactctac gcatttggtg 300
 tggacaattt caagagagga cctgaagaag tcaagtgtgt gatggatcta atgcttgaga 360
 aagtcnnagc tcacgattcg attnaagctg tatcanggae tatgaacgg 409

<210> 6833
 <211> 447
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B12
 <400> 6833
 ngtagcggtc aaaaattcca aaggtagacc cagcggtccn aagaaaccct aagacctctt 60
 cgaaaatctc ccagaaaaca cttatttcat ttcttcttg gccttgacta cgcgtctttc 120
 cttttactcc ggaaggaaga tccagaaagg ttttctttcg atcgttgctt ttgactatgc 180
 atagatctgg tacaacaatg gcgtggaacg tattcaagtt ctgtactgcc ttacgaggtc 240
 ttggatcgat catgatcctt ttgggttctg gtgttgctcg tggtacttat tacgctgtcg 300
 ttttgactaa ttatgggtcct gcactctctc aaggtggcct tgattctctt gctgctctca 360
 ctatcttaat cctcttccat ttctctctgg caatgctttt gtggagctat ttctcaatgg 420
 gttttactga ttctggngg ttgtgcc 447

<210> 6834
 <211> 429
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone' ID: LIB24-117-Q1-E1-B3

<400> 6834

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acgcgtgggc tctgatcgga cgtatcatca gttgataagc acttgcgatt ttagtcgtca   60
gaaggaatct gatgaatgcy aaacccttta ttcttacgct atggagcatg agtttggtaa  120
cattgatcag tacaacatct atgcgcgcgc gtgtaacaag tcaagcgacg gtgggtggtag  180
ctacaatggt tcttccggcc gccggagtat gcggcttctt caccttcccc actccgtatt  240
gaggaaaatt tccggttatg atccatgtnc cgagagatat gcagagatct attataaccg  300
gcctgatgtt cagaaagctc ttcacgcca caccaccaan attccgtata aatggacagc  360
ttgcantgag gtgctaaacc ggnattggga acgaaccnag atncaagggg ttcccccnat  420
ataccggga                                     429
```

<210> 6835
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B6

<400> 6835

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acgcgtccnt caggacttac aatgctaggc tgcttggatt agccaatgag gcgaaatcna   60
aagagctagt aaatctcttt ggagaactta aggctagtgg gctcaaacct gatgttttca  120
gtttcaatgc tatgattaga ggatctatca acgaaggaaa aatggacgaa gctgaagcgt  180
ggtacaaaga aattgtgaag catggttatc gtcctgataa agctaccttt gctttattgc  240
ttctgctat gtgtaaagca ggtgactttg agtctgcgat tgagctcttc aaggagacat  300
tcantaagcy gtatcttgtc ggtcaaaca cgttgcagca gttagttgat gaattggtga  360
aanggtctaa gagagaanaa gctgangaga ttgtgaagat tgcanagacc aaatgntttc  420
ttaaaagt                                     428
```

<210> 6836
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-117-Q1-E1-B9

<400> 6836

atcaaacaac taaattaaaa aaaaatcttg agagattctt ggaacacaag aaaaacatga 60
aacctagaat gtgtttaatc ttgtttattg ctttaatgag agtaatgtcg attgtttctg 120
ctcagtcgag ttgcacaaat gttctaata gcatggcgcc gtgtctcagc ttcatcactc 180
aaaacacttc tctcccgctc caacaatgtt gtaaccagtt ggctcatgtt gtccggtatt 240
cttctgagtg tttgtgtcag gttctcgatg gtggagggtc tcagcttggg atcaatgtta 300
atgagacaca agctcttgct ttgcctaaag cttgtcatgt tgaaactcct cctgctagtc 360
gctgccaaan tnggtcctcn ggtaaattca aattcagaac atggaaatgg t 411

<210> 6837
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-117-Q1-E1-C1

<400> 6837

ccnnggccgt ccgattgagt aatttccttc tgcgcttgaa aagaaatgtc gaattctagg 60
atgaatggtg ttgagaagct aagcagcaaa tccacaaggc gtgtcgcaaa tgccggaaag 120
gcaacactgc ttgctcttgg caaagccttc ccaagccaag tcgttcctca ggagaatcta 180
gtggaaggat ttctacgaga caccaaagt gatgacgcgt ttatcaaaga aaagctggaa 240
cacttggtgca aaacgacaac cgtgaagacg cgatacactg tgttgacgcg agagatactg 300
gctaaatacc ctgagctaac aacagagggt tcaccaacaa tcaagcaaag acttgaaatt 360
gcaaacgaag cggttggtgga aatggcaatg ggaanchntt taaggtnгаа ccaaggaatg 420
gggaaggcca ntggaaaaca t 441

<210> 6838
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-117-Q1-E1-C2

<400> 6838

acgcgtccgg cgctcttgaa gctttccggt tagatcctga aaagtgggga gtgaatgttc 60
aacctttgtc tggatctcct gccaaacttcc atgtgtacac tgcattgtta aagcctcatg 120
aaagaatcat ggcacttgat ctctctcatg gtggatcatc ttctcatggt tatcagactg 180
acaccaagaa gatatcagct gtgtctatct tctttgaaac aatgccctat agattggacg 240
agagcactgg ctacatcgac tacgatcaga tggagaaaag tgctactctt ttcaggccaa 300
aattgattgt tgctgggtgca agtgcttatg ctanattgta tgactatgcc cgcacagaa 360
angtctgtna caagcaaaaa agctgttatg ctagcaaata tggcacacat canttgggtt 420
g 421

<210> 6839

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-116-Q1-E1-H3

<400> 6839

ntgttacgcc tgccgtagcc gtccgaaaat tccngggctn acccacgcgt ccgatcgatc 60
aacaaagtga ggtaggttc catctccacc tctttctctc tcgaatcttc tccgattaaa 120
ggaacaaggt ctggtttaca aaagtctcat agatgtcgag tggaaacagtg agaaggggtt 180
cacgtcaaga tatacaactg gttcaaaacc ttatagaacg atgccttcaa ctttacatga 240
atcagaaaga agttgtggat actttactag agcaggctaa aatcgagcct gggttcacag 300
aactagtttg gcagaagctt gaagaagaga atcgggagtt tttcaaagct tactatctta 360
ggctaattgt taaacaccag ataattggaat tcaacaagtt gcttgagcag caggttcacc 420
acatgcgtca gatgcacca actgggtgtt gcttctgtcc aaaacacaaa tggttctcat 480
cttcaatcaa tg 492

<210> 6840

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-F12

<400> 6840

tagaaagtcc ganattcccg ggtngcccca cgcgtccgct ntcattgctaa agagagccgc 60
 ggaagagcca ctgggtcacg cagcagctat aatcacagat gttctagaga atgcagaaac 120
 caatcaagtg ataaacgctt ctacagaaacg aacgctgctt caagaaatgg ctctacggct 180
 aacttaaaac aggggaaaaa aaaagaaaag acagaagaca aaaccttccc tcttcaacaa 240
 ccaatcaatc atcactgggt agttacaaat atttacaat gcgtgtattt tacatatctt 300
 gtacctctgc ctaatgaagg gaatgttaaa aagtcttgaa gatcgaaatc cgctgattga 360
 caaagcgggt tctgtgtgga agtaggaaaa aggaaccaa aattggaatc tgggttcctag 420
 atttttgggc tgttctcata agtgaatgan agcaaaacgt gtttaattat ctctgtcttt 480
 ctcatatttt an 492

<210> 6841
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-F4

<400> 6841

cngtagccgt ccgaaattcc agggtcgacc cgcgcgtccg gggtttccta cgagatgagt 60
 aaagcccaaa aacggaaacg cctaaacaaa tacgacggcg aatcaaaaac tccggccaat 120
 aaatcaaccg tcgacggcgg caatccttac cctacactac ttagacctac cgctgaagaa 180
 tgccgagacg taagggatgc tttgttgtct ctccatggat tccctcccga attcgctaatt 240
 taccgccgtc aaagactccg atcattctcc gccgtcgatg atcacgatac acagtgtaat 300
 ctgaaatctg agacattgaa tgaaacggaa gaggagagtg tacttgatgg gcttggttaag 360
 attcttctct cgcaagaata caactgagag caattcccaa agggcttttg cttctcttaa 420
 agctacattt ccgaaatggg atgacgtttt gaatgctgag tctaaatcaa ttgagaatg 479

<210> 6842
 <211> 443

<211> 445
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-F7

 <400> 6844

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acgcgtccgc atagtttctt cttgcttttg agaaaaaata attatatatt tttatatagg   60
aaaggggttaa tttattaata aaaaaaaata aaaagaagca gaaaagagat aatgcagggt  120
ggtaggcttt tgacgggtgtt ggtgtgcctc gcctccacgg tggcggttggg gagcgccggg  180
gacccttact tctactacac gtggaacgta acctacggaa ccgccgcgcc tctcggaatt  240
cctcaacagg tgattctcat caacggacag ttccctgggc ctaacctaaa ctcaacctcc  300
aacaacaatg tcgtcatcaa tgtcttcaac aacctcgacg agcctttcct cttgacctgg  360
agtggactcc aacacangaa gaactcatgg caaagatggt gtgactggga cctcatgcc  420
atcccaagca aggaacaaac ttcac                                           445
  
```

<210> 6845
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-116-Q1-E1-F9

 <400> 6845

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acgcgtccgc cagctttatc tctctctttt tcacatccca tggctagatg gtgacgacga   60
ttcacgcata aactaggggt cccccacaaa tcatcttaca cgtatcctct attccttct  120
tcctttctcc gtcacatca tttttccac cgacaacaat ctctcggagt ttgggtatta  180
ttactttctt catcaaccaa ttgtaccact agatctccca gattccttca ttatctctat  240
caataatggc gttgaagtct agttctgctg atggtaaaac cagaagctct gttcagatct  300
tcattgtgtt tagtttatgt tgcttctttt acattttggg agcatggcaa cgaagtgggt  360
ttgggtaaag gagacagtat tgctcttgag atgaccaaca gtggagctga ttgcaacatt  420
gttcctagct tgaatttcga gactcatcac gctggcgaa                               459
  
```

<210> 6846
 <211> 485

<212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-G12

 <400> 6846

 aaattccgaa aagtcgccggg nngccccacg cgtccgggac ttgctaaatc aatagcttgg 60
 gatggtgaag gtgctacatg tctcatcgag gtaactgtta aaggaacaga aactgaagca 120
 gaagcagcga aaattgcacg ctctgtggct tctcttccc tgggtcaaagc agctgtttat 180
 gggagagatc caaactgggg acgcatagct gcagctgctg gctatgccgg ggtttctttt 240
 cagatggata agctgaagat atccctcggc gagttctcac tcatggagag tgggtcaacct 300
 ctccgtttg acagggatgg agcaagtaac tacctcaaga aaaccggtga gggtcacgga 360
 acagttacaa tcgatataat cgtaggtgat ggtgcagcca tcggaaaggc atggggatgc 420
 gatcttagct atgactatgt caagatnaac gctgagtaca cctcatanaa ctgagaccga 480
 gagac 485

<210> 6847
 <211> 474
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-G2

 <400> 6847

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 tttttatcga ttttacnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnagaaag cccnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 aggagcgtcg ttggtgatgc taatcttaat aataagaaga agaagattga taataattcc 360
 tcttctaagg atggctgtgt caagcctaaa cgtcagatga aaactccgtt tcaacttgaa 420
 accttgagaa aagtttaatc agangagaag tatccgtccg gacgcaatgg aaac 474

<210> 6848
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-116-Q1-E1-G5

 <400> 6848

 acgcgtccgc ccacgcgtcc gccacgcgt cgcgtcagtt tcagaaaccc ggaagagctg 60
 aggctgcatt tgccaagcat gattgtttat cggtaatgaa gaagttcttg ctaataacaa 120
 gaacagacta cttagtggct cctcctgaca cagagatcat agatcatctt gagataccgt 180
 cgacgattcc agattggata acagaagaag agattcaagt gtatgcggaa aagtttcaaa 240
 gatctggatt cactggccct ttgaattact acagatccat ggatatgaat tgggagatat 300
 tggcgccgtg gcaagactcc aaaatcgctg ttcctactaa gtttatagcg ggagacaaag 360
 atatcgata tgaaggacct aatggaacaa tggagtatgt gaaaggagaa gtgttcaaga 420
 ttgttgtgcc taatcttgag ataa 444

<210> 6849
 <211> 509
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-G9

 <400> 6849

 aactgtttcc gcctggcncg tacangtccg aaaattcccg ggtcgacca cgcgtccgcc 60
 cacgcgtccg gaggttttgg aggaatgtgg agaaaaata agcaagaaag agtcaaagaa 120
 gcgagccgct aaactggaga agttgctccg taaacaggaa cgagaagaag ccacatcatc 180
 atctctttct ctggaggagg aggatgaatc gtgttccagc aactacggtg acgtgactac 240
 taacgagttg cagtcggctg ttgagggaaa agagctcact gatgtgagca acttggttga 300
 agagattgtg gggtcagagg tttcgatcag aggtcgactg cacaagaatc gcttagtcgg 360
 taccaaattg tttgtgatct tgagggaaaag tggattcacg gttcaatgcg tgggtggagga 420
 gaccagagtt ggtgcaaaca tgattaaatt tgtcaagcaa ctgagtcgtg aatctgttgt 480
 tgagcttatc ggtgtctctc tcaacctaa 509

<210> 6850
 <211> 484
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H1

 <400> 6850

 ccgtagccgt ccgaaaattc cagggtcnac ccacgcgtcc gtcgaaattt cctcttctca 60
 aaaaactcaa aatttgaaga tgaaggacag agaggaatca tcatcgtctt cttcttcaat 120
 gacaacaana aaaaactaat ggaataatca acaacggcga acacgaacct cgagatatca 180
 acatccgatc attctcttct gttccttctt ctctcgttaa cgcttcttcc aaatacgatt 240
 tcgtcaaggt caaagtatgg cttggagaca acgcagatca ctactatgtt ctgtctcgat 300
 tcttaagtct gtagaatgtt aactgttact aagatcccaa atcatgaagc tataaagatt 360
 tctcttgaac tcaagaagct tctaattgac aacaagtctt cttgatgtct ctcaagtctga 420
 tttggaaacc aatttgttta agctaattgga gcgacgtggt tatggngaaa gaagtacatt 480
 aatc 484

<210> 6851
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H10

 <400> 6851

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 tcttcaaagc tcaaaaagca atgactcgac cgtcaagatt acttgagacg gcggcgccac 120
 caccacaacc gtccgaggag atgatcgag cggaatccga catggtggtg atcttgtcgg 180
 ctcttctttg cgctcttata tgcgttgctg gtctcgccgc cgtcgtacga tgcgcttggc 240
 tccggcggtt tacagccgga ggagattcgc cgtcacgaa canaggcttg aaaaagaaag 300
 ctcttcagtc tcttccaang atncactttc accgccgcgg aatcatcctc nggcgcccgn 360
 cgctgaagan ggagatcgac ggaatgtgct atttgctca ntgacttcgc cggaccggtg 420

aanga

425

<210> 6852
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-H12

<400> 6852

gnacgccccg gaaagtccga aattcacngg ncgcnccacg cgtccgtcgt actcgagtag 60
gtctcagtta cgtnnaggat cgagcttang agatgagtgg ngttgaagag aaagtttctg 120
gaacgacant tacacctgca gatttcctca aatccatccg tgggagaccg gttgttgtca 180
agctcaattc tgggtgttgat tatcgaggca ctcttacttg tcttgatgga tatatgaaca 240
tagcaatgga gcagacggag gagtatgtaa acgggcagct caagaacaaa tatggtgacg 300
cctttatccg tggaacaac gttctttaca tcagtacagt aaacatgact gtagcagacg 360
gagcctangc ccatcatgat catcaacaac aacaacagtg gtcatgttat ggctgccatt 420
tttgttgtct tcttctacct catattaata gagtatagac atgtnccaag attgtcatcc 480
tangttcctc aatag 495

<210> 6853
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-F11

<400> 6853

attccccggg cgncccacgc gtcnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ctagggatat gtctgatgtt agtagtagca 120
tcaagtgtga tctatgaagc gcaaggaacg ttcttactaa accattactt gaagaagaat 180
tttccaaaaa aatgcaacga gtttacgcct tacgctaaca agggtatgat aacgttggtg 240
accgatctcg aaggtagcag tccggccact acagagttca agactttctt tacacagttc 300
aagtcttaca tgtctttcat cgagacaaca tcggcctcaa caaaaaatgt tgatgccgag 360

atgacagcta aatgtgacgg tcttttcaag gccatgtctg cattgagtgc tagtaaaggc 420
gtcaaatcag cggatgctgg ggagtatgaa gatgaccatg ttgtcgatgg gaaagact 478

<210> 6854
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-C6

<400> 6854
ttctggctaa attttgtgtt ttctcaggtg gataagaaat tttctctttg tegttttctt 60
cgataatttt cggattacgg cgacgaatca gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnng gatcgtggac 180
aacgctctcg ctgtaaccaa agatgcagat cagtaaaaac tgttacatat gagtctttga 240
ataacattgc gaggtgcata aatggagtat cagctcttct gttgaccctt ctcccaggga 300
aggctaatat tcttgaaggc ttacatggct gggaactcag gcctacgttt cggggaccac 360
gtttaccacg gtggatgcat aatgggggtct cttctttcaa tgagt 405

<210> 6855
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-116-Q1-E1-C7

<400> 6855
acgcgtccgt agaaatccac aatatctttc ttcacacttt ctttcacttt cccgggaaaa 60
cagccgagaa aataaaagaa acgaagaaaa gtttgttctt ttgtggggat caaagaagaa 120
tgtactcggc gattcgggtct tcgcttcttc tagatggcag cttgggagac tactctgacg 180
gaaccaatct tcccatcgac gcttgtcttg tctaaccac tgacccaag cctcgccttc 240
gttgacctc tgagctccat gaaagattcg ttgacgccgt cactcagctc ggcggaccg 300
acaaagcaac gcctaaaact ataatgagaa caatgggagt gaagggtctc actctttacc 360
atctcaaadc tcattctcag aaattccgct tggggaggca atcttgtaaa gaatcaattg 420
acaactctaa ggatgtttct tgtgt 445

agcgtaataa g

491

<210> 6858
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-D7

<400> 6858

acgcgtccgc nctcttcttt tttttttttt ttggtttttc atttaagtct attcaatcat 60
ggaaaccggt ttaaaccatct taaagctatc gctatgcgtc agcctagtcg tggttggatc 120
atatgctcag gctcccgac catggaatcc atctaattggg tttcgtccgg ggacatgtga 180
ccactacgag tgtcccacct ataaattggg acaggccgga tacggctttg agatccgcat 240
gtacgacgct gccctatgga tatctactan tcctatcccc tccctatcca tgactcaagc 300
caccaaaacc gggttccgac ggtaaatgaa taaatcgaat atataagact tgggtgttctt 360
tcggtttctt tatattataa actgaagttg actacgtttt tgggtttata gattaaatan 420
gtacatanaa ggagataaca ag 442

<210> 6859
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-D8

<400> 6859

aactgttccg cctgccggta anggtccgaa aattcccggg tcgaccacg cgtccgctgt 60
tttcaaaaca gaggagaaga agcttgagct aaagcttggg ccacctggtg aagaagatga 120
tgatgaatcg atgataagac acatgaagaa agaaccacaaa gacaaatcta tcctctctct 180
cgctggcaaa tactttctct cttcttccac caaaaccaca tcccataaaa gaactgctcc 240
tgggtccagt gtgggatggc ctccggttcg atccttcagg aagaatttag ctagtggaag 300
ttcttcaaag cttggaaatg actcaaccac ctccaatggt gttaccctca agaaccacaaa 360
gtgtgatgct gctgctaaga caacagaacc aaagagacaa ggaggcatgt ttgtgaagat 420

caacatgtat ggtgttccca ttggtcgtaa agttgatctc agtgctcata atagctatga 480
gcagttatct 490

<210> 6860
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-E1

<400> 6860

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atttgaagct agaggtgtca gaaaagttac cacagggata actgggcttg tggcaaccaa 180
ncgttcataa gcgacgttgc tttttgtcct tccgatgtcg gtccttccc tancaattgt 240
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ggttanaccg tcgtgagaca ggtagttta ccctaactga tgccccgcct cncnataag 360
taaattcaac ctagtacgaa aaggaaccgt tgattccgca caaatttggg catcgccct 420
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<210> 6861
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-E12

<400> 6861

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ggtggattca ataaagttgg atcagctcca ccttcaccgt catcgaggt tagcgatgat 180
ctatgggcta ctatctggga agttagtaat acagtgttnn nnnnnnnnnn nnnnnnnnnn 240
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cggttttgggt gtgagcagag gcagtctact cggcgaaaga gtgttcattc aattgctcgg 240
 ttggaagcgg ctcaaccttc tgggccttcc cgtctttctt tgggattatc agaccgtaac 300
 ctcttctttt tctcttgtag actatgttta tctcaccagt ttcttcattt tggaagccat 360
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<210> 6864
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-E6

<400> 6864

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 agactacca aaatgccggg atttagtctt aagttacggg gccatgacac ctcttctgtc 180
 tcaattcaat gagaatanaa agctttcaat gctganaaat gctacatgga cattatcaaa 240
 cttctgcaga gggaagcccc caccgcatt tgaacagaca caaccagctt taccagttct 300
 tgagcgcctt gtgcaatcaa tggatgaaga agttctcaca gatgcatgct gggctctgtc 360
 atacctctcg gataattcaa acgacaaaat acaagcagtc attgaagcag gagttgttcc 420
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<210> 6865
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-116-Q1-E1-E8

<400> 6865

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 ggaagtcatt ttggttacga gggcgggttc tgttttcccg gtctctgcat tggaggatct 180
 ggtggtagta gaggccatta tggcaggac cattacggtg gtggaagtca atatagaggt 240

ggtattgggtt acagagagac catgtactgc aaaccgttga cttgttatgg tggctcatgt 300
 gatgcactcc atttgcattt agacaaaggg ttatatgaat ctctcatacg caatactaag 360
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 atc 423

<210> 6866
 <211> 511
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-E9
 <400> 6866

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 cgagtttagac atagagtttc tagggaacat aaaaggaaag ccgtggaggt ttcagacaaa 180
 tctatacgga aatggaagta cacatagagg tcgtgaagag agatatcgtc tctggtttga 240
 tccttctaag gagtttcacg gttatagcat tctctggact cctcacaaga tcatattttg 300
 ggtagatgat gtgccataa gagaagtgat cagaaacgat gcaatgggag cagattatcc 360
 ggcaaagcca atggctcttt acgccaccat ttgggacgct tctgattggg ctacttccgg 420
 cggcaaatac aaagctaatt acaaatttgc ccctttcgta gctgaattca aatctttctc 480
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<210> 6867
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-116-Q1-E1-C5
 <400> 6867

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 ggatactcgg ttttctaaca agcaagctaa attgatgaaa agccagaaat ttgctccgga 180

gatcttgaa atcgcaggca ttgttcgtct actcgaggat ttcaattttg gtcattnnnnn 180
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 attctaaccg gtgtaccaga taatgtcatc acgacgtcag catcggaagc tggaccggta 360
 gaaggagtct tcgtcggagc tgtatttaac aaggaagaga gtaaacacat cgtaccgatc 420
 ggtacgcttc gcaattcccc gtttatgtct tgtttccggt ttaagctctg gtggatggcc 480
 caaaagaatg ggagaaatgg 500

<210> 6872
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6872

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 ttccgtcgta tctccgacga tcttgctccc gcacgatccg attgtgtaat tcgttcgatt 180
 ttgcggtaga acaagaagac gaagaagtcg aaataggaag gattaangat ggnggctggt 240
 ggatttttga ctcgagcatt tgatacgatg cttaaggagt ctggangaaa gaagtttcct 300
 gatctccaga aagctattca agcttatcaa gatggttcaa aggttggttac gcaagctgca 360
 acctcgagca tagtggagaa ttcacaaact gaatgtggaa gtgaaaaaac tgggggtang 420
 aagcanntga aaccgcaaaa agtcacnac 449

<210> 6873
 <211> 510
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-B5
 <400> 6873

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accaccatga cacactgatg ccatacttgg gacgcgtaaa caccaccacg accaagactt 180
atgcaagcag gacacttctg ttcttgaaag atgatgggac cttgaagccg ttggtgatag 240
agctgagctt gcctcatcct aatggagaca aatttggagc agtgagtga gatatatcgc 300
ctggtgaagg tgtctacgac tcgctatggc agttggctaa ggcttttgtc ggtgtaaatg 360
actccggaaa tcatcagctt attagccact gggatgcaaa cacacgcac gattgaaccg 420
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acctcacttc cgtgatacga tgaatatcaa 510

<210> 6874
<211> 529
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-B6

<400> 6874
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tcggttttga tttgggtttg atcggaaaag tcatgggtaa ttgttgcgga acagcaggat 180
cattgggtca aaacgataac aaacccaaaa aaggaaggaa gaagcaaac cttttctcga 240
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cctgtaaatc gantttgaan aaaaaactga nggacagctg ttganantga aaaatgttnt 480
ggnaaaaagg ttagaatntt nanggcaa at gcccgaggca accccaaag 529

<210> 6875
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-115-Q1-E1-B7
<400> 6875

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ttctggagct aagttcgatg agctttatcg gtcaagctgg gctatggatc attgtgtcaa 180
cgaaggcgaa gtcacaaaac tcaagcttga caattactct ggagctgggt ttgaatcaag 240
aagcaaatac ttgtttggta aagtctctat ccagattaag cttgttgagg gtgattcagc 300
aggaacagtc actgctttct acatgtcttc agatgggtccg aaccacaacg aattcgattt 360
tgagttctta gggaacacta ccggcgagcc ttacatagtc cagaccaata tctacgtgaa 420
cggagttggg aaacagagaa caaagactca acctttgggt ccattccacc actgaatt 478

<210> 6876
<211> 480
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-C1
<400> 6876

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gaaatctttt acaagacgaa gaagattttg tatcggtggac aaaggtgcaa tatcattctc 180
caggataaga atggaccatg tctctctatc gccatttgta atgttcttat cttgaaacac 240
ggaattaatc tagacactta caattctcaa gtatctgaag aggatttggt gaatcttggt 300
atcgatgtac tgggatgata cagacgagta cattgatatt gggctcatca gaaaacttgc 360
ttgtgggata aatgtcattt gaaattcgag aaggattacg gattttgagt taacactgga 420
gctagaaaaa ttccgtcact taagaatccc ttgtancang gatggcnagt tattccacgg 480

<210> 6877
<211> 462
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-115-Q1-E1-C10
<400> 6877

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 ctttttttaa gtctcattgt tgttcttctt atagcttctg aggtggtagc cagagacctc 120
 gctgagaaat cggcagagca gaaaaacaat gaaagagacg aagtaaagca aacggagcag 180
 tttggcgggt ttccaggagg agggatatgga gggttcccg gaggagggtta tggaggaaac 240
 cctggtggag gatatggaaa ccgtggtggt ggatatagaa accgtgatgg aggatatgga 300
 aaccgcggtg gaggatatgg aaaccgagga ggaggatatt gtcgctatgg ttgctgctac 360
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<210> 6878
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-115-Q1-E1-C11

<400> 6878

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 aaccatcttt gggaacgtag ccgaactctt agagaaagag aaactttcca tcaactacgc 180
 caactgcaga agctggcacc ttggtgttga gacctctaac atcatagact tcgacacggt 240
 gcccgcaa at tgcaaagact atgttgaaga ctacttgatc acttccaaac agtaccaata 300
 cgactccaaa accgtgtgca aagaggctta tttctatgcc aaaggacttg ccctaaagaa 360
 cgacaccgtc aatgtttggg atctttgacc taagatgata cctcctctct agtattccct 420
 actacgcaaa atatggatac ggaacagaga agaacgaccc gggggcggt 469

<210> 6879
 <211> 558
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-A4

<400> 6879

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gtgggtagg tttgattctt ctggctctgt tttgttctgt ttttgggtgt taattcttct 120
tagcaagcaa gtaatattcg atcgctactg tttttgcttt gattttgtga tttctctatc 180
aaagattaga actttacgtg accctttaag cgatcaacaa ttatctcact gttttttcag 240
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tgcgtcatca tcaaacccta aaagaaccct aattccttgt gggccgtact gggaaacgga 360
aagaatgccg acaaggtaac aagtatccct tgggtgggaa aancctttaag gtcaaagaac 420
ctaanaactg gtaggaagtg acaagcacgt gccaaagtcac aagagaagtt tgttcaaaga 480
aagaatgggg gataaccaat taaaggttgg ttgaaaacnc cctgggtttg gtttgaattt 540
gtccaacngg caaccgga 558

<210> 6880
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H1

<400> 6880

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aagggtggag cattcgacga tgggtgtttt gatggtgtga agaaagtaat tgttggaaaa 180
gacttcaaca atgtaactta tatcaagggt gaatacgaaa aggacggaaa attcgaaatt 240
cgtgaacacg ggactaatcg cgggcagcta aaagagtttt caagtgggat tctcctaatt 300
aacatattac atcggtcgag gggaacaatc catggttacc tttcgtcgct gaagtttacg 360
acatcaaaaa ggaanaacct cccctgtttt tgggaatgtg gtccggtagt aaaatttgtg 420
ttcgaaggaa acaagtttta aacntgttgg ggttttgtgg gnccattcgg gtga 474

<210> 6881
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H12

<400> 6881

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 aagaccacac tataatggaa gcagtggtga ccgttgactt ttgggtgctt tttgtgtcct 180
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 cccttggata cacaatgtc tcaatctttg tctccatgac tagtatttgg ggattcttcg 300
 gtcgcattct ctccggtact ctctccgaat actttctcaa gaaagctgga acaccaagac 360
 cactatggaa tgcagcctct caaatcctta tggccgtagg atatatacta atggcttttag 420
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<210> 6882

<211> 482

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-H2

<400> 6882

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 cacgctctaa atccaaagct gagcaaatat ttctgcaa ggacttccca ggtattgtga 300
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 caaggactgc ctaatagtac aagggtgtct cccgagatna agaaagagan taaaggcaag 420
 ccggattcgt gtcacctcca aaagttgttg acctaataa taattcacca acanaagcta 480
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<210> 6883

<211> 458

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H3

<400> 6883

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ggacggtaag ctccgttacg ccaataactc taactacaag aacgatacta ttatccgcaa 180
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ttgattgna anaagcagta atgatactga agggactcgn atcttctant atcttggtca 420
aggnctttgn aaatgtcctg tttttttcgc tcaaccnc 458

<210> 6884
<211> 515
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H4

<400> 6884

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ggcggctctc ccgtgctttt tggccaagct ggtcctctc acggctcttc cttcttcggc 180
tcaccgcggy gacgatactg cgatggtcgc ctcgctattg acttcatagc ggagagtctt 240
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taacttcgct accgcgggat ctccgataag agctcttaac tctactctac gtcaaagtgg 360
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ctcaaactgt tcgtantcgt ggaggagtct acaagacaat gttgcctgaa atcccgacaa 480
gcttctcaaa aagctttgtc acttttgaca ttggn 515

<210> 6885
<211> 468
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-114-Q1-E1-H5

<400> 6885

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ctcagctttc tcaaggtact ttcttagaat caaacctctg ttttttcttc cgtacacaac 420
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<210> 6886

<211> 468

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-H6

<400> 6886

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tgactgataa gaacactatt tctctatctc tatcagatga atctgagggt ggatctgtta 300
gtgatgaaag cgttggacgt tgcagtcctg ttgatcaaat caaacttgaa ttcgaagctc 360
atcacaatag tattaaccaa gctggatctg atgggtgtcaa ggctgaatcc aaggatgatg 420
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<210> 6887

<211> 465

<212> DNA

<213> Arabidopsis thaliana

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-H9
 <400> 6889
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 aatgtggan 429

<210> 6890
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-A1
 <400> 6890
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 ttactcattc ccgtgatcct actttgggat ttcgctagaa gaagttagg tgacgacctt 180
 aatttaagtt tgtaaagca ggtcctttct ttctagggtt tatcgaaatt ggtgtaaatc 240
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 tccagtgtgt ttttaagtga agtaaggcat tttcgatatt cggagacttt taggtcaatg 360
 tcggctccaa ccgcgaattc cggccggtgg gattcaaccc gaccggagaa ntcaagatta 420
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<210> 6891
 <211> 509

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<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6891

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gtgggtttga taattatgac actagtggtc ctcaaaatgt taatgcacac attgggcttg 120
ctaagctaag gaaggagtgg attgatcgtc gggagaagct aggaacacca agatacactc 180
aaatgtacta cgctaagcaa gggatcataa ctgaggaaat gctctactgt gctactaggg 240
agaagctaga ccctgagttt gtaagatcag aagttgcacg aggacgggcg attatccctt 300
ccaacaagaa gcatttggag ctggaaccga tgattgttgg tagaaagttc ttgggtcaagg 360
tcaatgcgaa tatcggaaac tctgctgttg ccagctctat tgaagaggaa gtctacaagg 420
ttcagtgggc aaccatgtgg ggagctgata caatcatgga tttctcaact gggtcgtcac 480
atccatgaga cacgtnagtg gattctaaa 509

<210> 6892
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-A11

<400> 6892

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ctggaatcca nagacttgtg ttttaagctga aggaactggt caggcgtatc gatgaacctg 120
tttcaagaca catggaagag catgggctag agtttcttca atttgctttc cgggtggtata 180
attgtcttct gattcgtgag atcccatcca atctcatcaa tcgactatgg gacacttadc 240
ttgctgaagg agatgcgttg ccagacttcc tgggtgtatat atatgctagc tttctcttga 300
cgtgggtctga tgagctgaag aagctagatt ttcaagaaat ggtaatgttc ctgcaacacc 360
ttccgacaca taactgggtca gaccaagagt cgaaatgggt tgtcaagagc ttacatgtgg 420
catantaagt tcaataattc ccaaaacat ttggctaact gaaatgactt ttcctnc 477

<210> 6893
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G9

 <400> 6893

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 tacagaggtg atagcaacca tgcgggcaga ggtgtcagat gtatcaaaga gcgcgatcag 120
 caattcattt ttactaagac gacgattcga gcatcccatt ctcgcttgac gatattctcca 180
 aatcgatgca aaacgtagag gttgcagagg ttgatcctcc tccgttgatc cgccaaaact 240
 ccaacttcat gttcttggtg gaaagggtcag attgaagtag tcaaagttcc ctatacccgga 300
 tcgatcgcta ggacattttc agattaggag atcagtattg tgctttcaaa aacaaagcct 360
 gtacattagt acatatgcct atctttgccca attggctttc tgggtactgtc ctactaatta 420
 ataggggtat attggggtag gaaaaaatat atatatgtga actaaaatat ttgtttgtgtc 480
 caagcgttga taaggccaa 499

<210> 6894
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-E9

 <400> 6894

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 atcaaagtct tccgttatac gcaaacccta attcctcact acacgactct ttttgatctg 180
 aatcgagaga tgggtacagga ggagaaagct atggaagcaa taaatgacgc tttgagagct 240
 ttgcggaagc gtcattcttct ggaagaagga gtcattgctc ctgcgatttc tgctctctct 300
 aagcctttta tctctcaggg ttcagaatgg aaggagaaaa cagaaaagct ggaaacagag 360
 ttacagcaat gttacaaagc tcaatctcga ctatctgaac aactgggtga tagaagtagc 420
 tgaatccaga acttcaaagg ctattttaca agagaaggag ttgttaatta atgacttgca 480

gaaggaatta ca

492

<210> 6895
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F1

<400> 6895

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gtaggtgtg catttgatga atctaacgta caacacgggt atttaaccaa aaatggcatc 120
tacagtcaag catgtggact aaacaatgag catgatgtca tggggccatg acgactacat 180
gtacatggaa ttacactca aggatgtgga ttaacaata tagttaagca aagttcattt 240
tgacttgatc ttcatcacgt caacatgaac ttgatttta ctgtataact tgtatttact 300
gtaataacaa caatatataa caattagagg ttgtagatat tatgatcaat tacttaatca 360
tgtcttgatc ctaataacta cggctctctga attgctgtat attattatta ttacagcaag 420
tacaagttat accgcaagat naaagttcac gttgatgttg gagaaagtc 469

<210> 6896
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F11

<400> 6896

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gcaatggggg tcgattatta caaggttctt caggtggatc ggaatgcgaa agacgacgac 120
ttgaagaaag cttatcgcaa actcgccatg aagtggcatc cagacaagaa ccctaacaac 180
aaaaaagacg ccgaagccaa attcaagcag atctccgaag cttacgatgt tttgagtgat 240
cctcaaaaga gagccatcta tgatcaatat ggagaagaag gtctaacaag ccaggctccg 300
cctcccgag caggcggcgg gttttcggat ggaggggctt cgttccggtt caacggtaga 360
agcgcaaatg atatcttctc ggagttcttt ggcttcacaa gancatttgg tgactcacgt 420

ggtgcaagtc cctctaattgg gttccggttc gcg

453

<210> 6897

<211> 478

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-F2

<400> 6897

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taacgcaggc agttccggcg aaattccgtc tccaataagg aaccgatttc aagaaaagtg 120

ggagtcaagc ggtgtacgan gtgacagaga cgaagaaatc ttgcgtgacg agagtcgaca 180

tgcctggggt gtcccgaagt cagatctcac ctactgggtc gacgccaaca acgtccactt 240

cttcgccgac gaaccagcaa tgcctgagta cgaaaacgcc ggacgcaa at acggaggctc 300

catgattttc aaccctgagg cttacgacgt caagaaaact aaagtgaagc ttatcaacgg 360

agtgtcttgg atnaccgtcc ctaagattcc aggcaaaaac gcctccaata atgtcaagga 420

gaagattctc caattactgg atttaacaac acccttgggt tgggtgtcccg taatggga 478

<210> 6898

<211> 478

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-F3

<400> 6898

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aaccagagtt ttcaatctca ccgaactcta aatctatctc caagcctccg tttctggtac 120

cggtgacctc aattattcac cgcccgatga tctccaccgg aggaatcgct gtttcccccc 180

gtagagtttt caaagtccga gccacagata cgggagagat aggatcagct ctattggcgg 240

cggaggaagc aattgaagac gtggaagaga cggagcggct aaagagatcg ctcgtggatt 300

cgttgtagcg aacagatcga ggtttaagcg catcgagcga aaccagagct gaaatccgga 360

gatntaatca cacagctcga agtctaaaga accctactcc anctccgacg gnagctcttt 420

6897 478 6898 478

tgtttccggt ttaagctctg gtgggatggc ccagagaatg ggaaaaaat 469

<210> 6901
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F7

<400> 6901

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aaaaatctat aactgttata tcaacccaaa attgtttatt gttatgagag ggggttaaact 120
cttgcccgcg tgccctctacc tggccgctgc cgcaacggtg gtagtccgag ccgaagatcc 180
ttacttccat caggtatgga acgtgacctt cggaaccgtg tctcctctcg gtgttccaca 240
acaagtcatt ctcatcaacg gacaattccc tgggtccaac gtcaactcaa cctccaacaa 300
caacgtcatc attaatgtct tcaacaacct cgacgaacct ttctcctca catggaatgg 360
gatccaacac aggaagaact gttggcaaga tgggactcca ggaactatgt gtccgatcat 420
gcccggcacc aactacactt acaatttcaa gcctaaggat cagnt 465

<210> 6902
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G1

<400> 6902

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ggattttatg atactgagga tgaagatcgt cctgctgacg aagtaaaatt tccaactacc 120
attgaagaac ttgaaggaaa aagaagagct gatgtagaag cacatttacg caaacaagat 180
gttgcaagga ataaaattgc tcagagacag gatgctccag cagctatatt gcaagcaaac 240
aagctgaatg atccggaagt tggtangaag aggtcaaagc tgatgttacc accaccgag 300
atttcagacc acgagctaga agaaattgct aagatgggct atgccagtga ccttcttgcc 360
gagaatgagg agctaacaga aggcantgct gctactcgtg cacttttggc aaattactca 420

caaacaccaa nggcaaggaa tgacacccat gaggacacct caaagaactc ct 472

<210> 6903
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G11

<400> 6903

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tttagtcaac tttgttcac tgaaccttct aggaagctac ctcaagtaga cagctttgtt 120
gacgggcttc aagccagtgg taaagatatg cttctgtaga agggttaatc ttgagcatta 180
aaggacatgg ctttctactc tgaagacgac aagagcgaag actacctctt taagattgtt 240
ctaactcgtg attctgctgt cgggaaatca aatttacttg ccagatttgc gagggatgag 300
ttctatccca attcaaagtc gacgattgga gtggagtttc agacacagaa gatggatata 360
aacgggaagg agattcaaag cacagatatg ggacacagca aggtcaagaa cgttttanag 420
cagtcactct gcatattacc gaggtgcaat 450

<210> 6904
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G2

<400> 6904

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gccgccgcaa gagcctatga tgcggcagca cttcgcttta gaggaagcaa agcaaagctt 120
aatttccccg aaaatgttgg aactcagacg attcaacgaa attctcattt cttgcaaaac 180
tctatgcaac cttctctgac atacatcgat caatgtccaa ctctattatc ttactctcga 240
tgtatggagc aacaacaacc attagtaggc atgttgcagc caacagaaga ggaaaatcac 300
tttttcgaaa aaccatggac cgaatatgat caatacaatt actcctcttt tggttaacta 360
acatattgtc aacgctttgt atttctactt attcgattta ncaatttttt ctctcccaat 420

acaacttcag tctggattat tgccttctta gatatgtcnt cgaatgttat g 471

<210> 6905
 <211> 514
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G4
 <400> 6905

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 tccacaattt ctgtctaacc aattccaaca ccaaaaaatt ccatttcttg acgatgaaac 180
 gaagccatca agaaacgtct gtagaagaag aagctccttc aatgggtggag aagttagaaa 240
 atggttggtg tggtggtgga gacgataaca tggacgagtt tcttgctgtt ttggggttaca 300
 aggttcgac ttcaagacat ggcaagatgt tgcacagaag cttgaacagc ttgaaatggt 360
 cttgtccaat gatattgcct cttctagtaa tgccttcaat gacaccgttc attacaatcc 420
 ttctgatctc tccggttggg ctcaagacat gctctccgga tcttaattac tacccgatc 480
 ttgaaccgga accggatttg cgatctgaga acaa 514

<210> 6906
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G8
 <400> 6906

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 tcatgcttca gttcagctta acattggtca tcttgatgct aatgggtctct acactggcca 120
 attcaccact tttgctctct gcggatttgt ccgtgctcag ggagacgcan acagtggcgt 180
 ggacaggctc tggcagaaga agaaggctga agctaaacaa cagtgaagaga caatctgaca 240
 atgtcataag ctcttggttg ttttttgagg tttcgattta ttagctatgt ggctttgtca 300
 ttgaattgaa aatggttagtt tctctttatg cnaattcatg ttttcgattt ttctgcttta 360

ttaannataa ttattaaggc tttgnggcc aatggaatcaa nattctanct aaaaannaan 420
 anaaaggggc ggccgctcta gaaggatcna 450

<210> 6907
 <211> 375
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-E8
 <400> 6907

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 ggtgttgctg ctggttacgc agctctcgaa ttcacccgctc gaggtgtctc cgatggcgaa 120
 ctctgtatca tttccgaaga acccggttgca ccgtatgaga ggcctgcctt aagcaaaggt 180
 tttctgctgc cagaagctcc tgcacggctt ccttctttcc acacttgtgt tggagctaata 240
 gatgagaagc ttacaccgaa atggtacaag ggatcatgga attgaattgg tacttggaac 300
 tcgtgtttta ntccgttgat gtgaggagga agacnctttt atcgancaca ggggagacta 360
 taagttacaa attct 375

<210> 6908
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-A9
 <400> 6908

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 acactctttg tcgttgagct cattttgatc ggatgggcac aaggacgtag atgggccgat 120
 atcatcaagc ccggtagcgt caacactgac ccagtcttcc caaacaacaa actgacgggc 180
 acagacgttg gttaccagg tgggttatgg ttcgaccgt tgggttgggg atccggtagc 240
 ccggctaagc tcaaagagtt gaggaccaan gagatcaana acggaagggt ggctatgttg 300
 gcagtgatgg gtgcttggtt ccaacacatc tacactggca ctggctctat tgataacctt 360
 tttgcacatc ttgctgatcc tgtcaagcca caatcctcgc tgctttcaac acccaatgaa 420

gacaaccaaa aaaggттаат gggaaggтг aatgcctttt gtgtt

465

<210> 6909

<211> 455

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-113-Q1-E1-B1

<400> 6909

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aaaactccga taaccaatтt ctcaatcttt ttgtagatcc aanttttcca ggaaaaaaaa 120
gaggtttcgc gaagaagatg agttttcaag atttagaatc aggaagagga agatcaacga 180
ggaaattcaa tggtggтcga caagattcga cacaagccgt tgcttctgga anattccaga 240
tcaataccgg agtctccacg tttcagcgac tcgttaacac acttggtact ccaaagata 300
caccggagct ccgggagaag ctgcacanga caaggтtгca tattggacag cttgtgaang 360
atacttcagc taaacttaaa gaagctagtг aaactgatca tcaaagcggt gtcaatccaa 420
gtaagaagan tgcagatgct aagcttgcaa gggac 455

<210> 6910

<211> 480

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-113-Q1-E1-B10

<400> 6910

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cagatctgaa naagaagaag aagaagaaac atagttgaag tctctgttaa tatgtcttca 120
acaacaacag attctacaga attgcaaaat ctgatcaaac tgттtcaaaa ttgccaaact 180
catcctcgтc aacattttcc tgcaaaatct tcagctgtan tagттtgtct ataccaagaa 240
canngagaag acannaacga gctacгcгta atcttaacca nacgatctac tactctctct 300
tctcatcctг gggaagtagc attгcctгga ggaaaaagag ancaaganga taaagatgat 360
atagctactг cгттгagaaa aagctггta ngaaatcggt ttagatcctt ccccttgгta 420

caatcatttc cgttccttga ancatttggt aacaangaag ggaatgtccg taacaccaag 480

<210> 6911
 <211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-C1
 <400> 6911

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 gggaacgatg gtgttgctgt catcaccatt tctaaccctc ctgttaactc tttagccagt 180
 ccaattatth ctgggttgaa ggagaagttt cgtgacgcca atcaaaggaa tgatgttaag 240
 gccatcgtgt tgatcgggaa caatggaaga ttttcgggtg gttttgatat caatgtcttt 300
 cagcaagttc ataagactgg ggatttatcg cttatgcctg aagtatctgt tgagcttgtg 360
 tgtaacctga tggaagactc caggaagccg gttgttgctg cagttgaagg attagctctt 420
 ggtggtggtt tggaacttgc aatggcgtgt catgccagag ttgctgctcc gaaagctcaa 480
 ttaggcttac cagaa 495

<210> 6912
 <211> 522
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-C11
 <400> 6912

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 agaaatggct ctctatctct cttcttcacg actcatcacc tttctctctt tcatcttgct 180
 tctctccaat ggcttctcgt cctcttcctc tcgccctagc atccaccatc gtcaccacct 240
 ggacaaccac aattacaaag acgctctctc caagtccatt ctcttcttcg aagggtcaaag 300
 atccggaaag ctctctccaa accagagaat gacttggaga agcaactctg gtctctccga 360

664130-123456789

acgacagcct ctctgcactt ggaatttgtg tacaangaga tcttaaacac tttcataagg 120
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caaaggaaga actttccttt tgtttcaaat catcacggtc aagttttacg atcaatatgt 240
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agaaggctct tgaagttaac ctgccagaaa gttcacggaa attcataact tgcattcgca 360
aatacttact gttnatttg agacattgga cgaaactgaa natgtcaaca cactagaacg 420
agcctttaan tctcttcgat cagataagan gttctctcta agcgttgaag accttgtagc 480
aattgcaata gg 492

<210> 6919
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D6

<400> 6919

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acaangtcgc tttantcana tctgaanaag aagaagaaga agaaacatag ttgangtctc 120
tgттаататg tcttcaacaa caacagattc tacagaattg caaaatctga tcaaactggt 180
tcaaaattgc caaactcanc ctctgtaaca ttttcttgca aaatcttcag ctgtantagt 240
ttgtctanac caagaanana gagaagacaa aaacgagcta cgcgtaatct tanccaaacg 300
atctactact ctctcttctc atcctgggga agtagcattg cctgnaggaa aanagacca 360
anaagataaa gatgatatag ctactgcgtt gagagaagct cgtgaagaaa tcggtttaga 420
tccttctctt gttacaatca tttctgttct tgaaccattt gttaacaaga agggaatgtc 480
ngtagcacca gttatcgg 498

<210> 6920
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D8

<400> 6920

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tctcaattaa tcgaatccga tcgaaatcga gctcgatctg taatcctcga ggatcgaatc 180

gcaatccaac accgtgaaat ccaatctctt ctcaacgaca atcaacgatt agctgtagca 240

cacatcggac tcaaagacca gctcaatgta gctaagcgtg agctcgaacg gttacttgaa 300

accgctgtta aagttaaagc ggaaggagaa gctaaagtgc gtgaggttta tcagaatgcg 360

ttgagaatgg angcggaggc tcgtgtgatt gatggacttg gagctgagct tgggtcaggt 420

taggtctgat gtacagaggt taggtagtga tagacaggag tt 462

<210> 6921

<211> 505

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-113-Q1-E1-A6

<400> 6921

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gcgtccgccc acgcgtccgc ccacgcgtcc gccacgcgt ccgcggacgc gtgggtttga 120

gtctcttgga ttctgaacgt gggatctggg gatttgaata gttacacttt tttgtttatg 180

aaaaaacata cgatgaagtc tgggtgtgatc ataaccattg ctctgttatt atacacaagc 240

tttcttcttg tttgtctggc gaaagagtgt acagacattc ctacgaagct ctcatcgcat 300

actctccgca gcgagcttct gcaatcacag aacgcaaatt tgaantcaga ggagttctct 360

cattaccatt taactccaac tgatgactct gcttggctta ctttgttgcc aaggaagatg 420

ttganagaag agactgatga atttggcttg gactatgttg tataaaaaan tcaaggactc 480

ctaattcccc gggttaacttc tcaag 505

<210> 6922

<211> 508

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-112-Q1-E1-F5

<400> 6922

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cgtgggcatg gtttaaacta tactcagcag cctataaggt ccgagttctc aagaagtta 120
ttgcaagaac accagcaact cccaaatggt tacatgcatg ggaaccttgg gttgcagaca 180
atgccgaatg gggcaaagt tttgggaggt gatgtagaat ctagtaggga taagttatca 240
gcaaggggat ttactccaga acttcataat gttcctatga ggcttgagat gggagaatct 300
ccggttaatt atgatttctt tgggtggtcaa caacaatcaa acacacagct ctctggcatg 360
ctccagcctt tgccaaggca gcagatgaca ttcaatgata tgcaactact gaagcagcaa 420
gttatggta agcaaagca tgaatatcaa atgcaacaac aacttcaaaa gcaacagcta 480
ganggccaag gcagctcaat tcnttgat 508

<210> 6923

<211> 470

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-112-Q1-E1-F7

<400> 6923

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tgctgtcaag ggtgtagctc gtttgacata tgagttctcc gatctcatat ctagtgctta 120
caatttactt ctttcaacat ttcttctcct ccagaggaaa aataaagaaa ttacaaaagc 180
aaatttaggt ttgttgaagg tgttggtggc taaatcaccc gttgaaggac tacacgcaaa 240
tttaaagagc atggttgaag gcttactaaa gtggccagaa ggaacaaaaa atctgttcaa 300
agcaaagggtg aggcttctgt tggagatgct catcaagaaa tgtggcacgg aggctgtcaa 360
gtctgtgatg cctgaggaac atatgaaact cctgacaaac atccgaaaga tcaaggaacg 420
taaagagaaa aaatatgcag ctggctctga catcagtaaa tcgcaacant 470

<210> 6924

<211> 491

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-G2

<400> 6924

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ggcaaggaga tcggnacca gatggtggag agaagaagga gaagaagttc gaaccagccg 120
caccacctgc tcgtgtaggg aggaagcaac ngaagcagaa aggacctgaa gcggcggcga 180
gattgccgac ggtgactcct tctactaaat gtaagcttcg attgctgaaa ttggagcgaa 240
tcaaggacta tttgcttatg gaggaagagt tcgtagcgaa tcaggagaga ttgaaacctc 300
aggaagagaa agctgaggaa gatagatcta aagttgatga tcttcgtggt acacctatga 360
gtgttggcaa tcttgaagag cttattgatg agaatacgc cattgtttcn tcctcggttg 420
ggtcctgagt actacgttgg cattttgtcc ttcgttgata angatnaacc ttgaacctgg 480
ctgctctatt t 491

<210> 6925
<211> 520
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-G4

<400> 6925

ctggttaacc tgntccgtac ggcccgaan tcccgaatcg acccaccgct ccgcaaaaaa 60
tggcgatgta tgttatctac gangtcttct tccggctatg gtctcttcga ggttcacgga 120
ctatatgaga tcggacataa cactgangcg gttcggactt ctgtctccga cctcagtcgc 180
tttgccgtg ttgttcagct cacagcgttt catccctttg agtctgctct cgatgctctc 240
aaccaagtca acgccgtctc tgaangtggt atgactgatg agcttaaaag ttttcnggag 300
ttgaatcttc ctaagggtcaa tgagggaaag aaaccaagt tcagtttacg attggctgag 360
cctaaactcg gttcanatat atttgaagct actaaaatcc catgccagan caatgagttt 420
gttcttgagc ttctcataag tgttcgccag cattttgata ngtttatcaa nggacttaaa 480
gcctggtgat cttgaaaaat cctcagcttg gggtanctca 520

664430-123660

<210> 6926
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-112-Q1-E1-G5

 <400> 6926

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 gcagaatgca atcgtgctcg tgaaaaggcc gactacaaag ccccgctaac tccacagcag 120
 gagtcgttga gaatcatttt catcaaagaa cagtatgaca ccaagctgca ggaacttcaa 180
 tatcaactga ccatgtccaa gaagcatggt gaggaattc tgatgaaatt acaagatgcc 240
 attgatgaga atgaagcaag gaaaaaggca gaatccagcc aattaaagag atctaaagag 300
 ctggagggaa aaatattgga actggaggct gatcgacaat ctgttatcta tgataaacgt 360
 gagaaaacca cggcttatga catgatgaag gcagagctgg attgctcatt attaagcctt 420
 gagtgctgca aagaagaaaa acaagaagct tgaagctatt ctgcaacaat gc 472

<210> 6927
 <211> 511
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H1

 <400> 6927

 antggttccc tggcctaccg gcccggaatt cccngtcga cccacgcgtc cgcgacaagg 60
 acgaggttcc aagagaactt agcttcttgt tctacgtacg acaccaaaaa ttaattcaaa 120
 aaagaaaaag aagagagttc aatgagaaaa cattctcttg atcgatggct tttacagct 180
 gttcttgtcg ttctcctctc gtcttcttcc tccttcgagg cennnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnacct ctttgatcat cgatggcaaa 300
 agagagcttc tttattctgg ctctattcat taccgagaa gcactccgga aatgtggcca 360
 agtatcatca agagagccaa gcaaggcggg ttgaacacga ttcaagacat acgttttctg 420
 gaatgtacat gaggctcaac aaggaaagtt caacttttcg ggacgagctg atttggtgaa 480
 gttcataaag ttgattcaaa agaatggnat g 511

<210> 6928
 <211> 496
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H2

<400> 6928

aattcccgan tgcacccacg cgtccgaaaa aaactcaaga gacaaaaaaaa aaaggaaggc 60
 gcgtcagtga tggagaagat tattgacgta gcttatggcg catcagtga ggtggggttg 120
 acgttggttg agatgaatct gttgccggat attgtcatta ngcggctcac acgtctgctt 180
 ctggccggtc gtctccgttc cggttacaaa cccacggcgg agatgcaact ctccgatctc 240
 ctccggtttg ttgactctat aaagaagatg cctatagcta tccataccga naagccaaag 300
 actcaacact atgaattacc gacagctttc ttcgaacttg tccttggaag aaacatgaag 360
 tacagntctt gttacttctc aaacgattca agtagcttac aacatgcaga ggaagcaatt 420
 ttggccctta ttgtgaaana actaaagttg gaagattggn aaaagtgttc cttgaaaatc 480
 ggatnttgct ggggga 496

<210> 6929
 <211> 473
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H3

<400> 6929

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 ccggctcttg atgatcctga cgtcgcggtt gtggcggggg ttgatttgaa tggcgcggt 120
 atcgcagggc atttaccggc tgaacttggg ttgatgacag atgttgcgat gtttcatttg 180
 aattcaaacc ggttctgtgg tatcatacct aagagtttcg agaagttgag cctaatacac 240
 gagtttgatg tcagcaacaa ccggtttgtc ggacctttcc cttctgttgt cctctcgtgg 300
 ccggctgtta agttcattga cgtcagatac aatgatttcg aagggtcaagt ccctcctgag 360
 cttttcaaaa aggatctcga cgccattttc ctgaacaaca acagattcac gtctaacatt 420

cctgattccc tcggagaatc atcancctcc gttgtgacct ttgctcaaaa aca 473

<210> 6930
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H5
 <400> 6930

acgcgtccgt ccagatagag ctgtgtttca tagcaataga gctgcttgtt tgatgcagat 60
 gaaaccaatt gattatgaat ctgtgatttc tgaatgttca atggctctta aatctcagcc 120
 tggttttact cgtgctttgc ttagaagagc tagagctttt gaagctgttg gcaagtttga 180
 tttagctgtt caggatgtta atgttttgtt gggttctgat cctaatacata aggatgctgg 240
 tgagatttcg aagcgggttaa aaactgcttt gggtcctcac caagatttgc agagccgtcc 300
 ttcacctgca gctcttggtg ctccggctgc tttaggcggg cctattgctg gacttggtcc 360
 ttgtttgcct tctcgtaatg ttcataaaaa gggagttact tcgctgttg ggtctgtttc 420
 gttgcctaan tgctangtaa tggtaanggt tgagaaggcc acangtgggtg a 471

<210> 6931
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H9
 <400> 6931

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 atccaattta gggttagggc tgcccctaatt ctggaaacct ttgcctcgtt tctgatctgt 120
 tttccggatc cgacttgaag gaaagaagac gacgacgcac taccaaaaac atgggvcgca 180
 attcgcttcc aacggatgca accctcgatc tagatgagca gatctcgag ctcatgcagt 240
 gcaagcctct ctccgagcaa caggtcagag cattatgtga gaaagctaag gagatcttaa 300
 tggatgaaag caacgttcag cctgttaaaa gccctgtgac aatctgcggt gatattcatg 360
 gacagttcca tgatcttgca naacttttcc gtattggggg aaagtgtcct gataccaact 420

atccgtttat gggagactat gtcgaacgtg gataatatcc gtgggaaact gttacncgtt 480
gggtg 485

<210> 6932
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-A3

<400> 6932

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gtccggaata aattcttctc cttttctttt ttgttgcaac tagtgaaaga gaaagagacg 120
atcgcttann ttcttcttct cctacactct gcgtttttgc tctcttttta ctccgcattg 180
ctcctccgtt antatcttcg ccggcgaaaa ttgttttct tttccctgg aggtaaattc 240
gaatcatgtc aaggcctgct ccgcttcnac ctggttgccc gattccaaag aaactttctt 300
tgagtccagt tgcanataca ttctactctt cntcctcacc cattgaatca tacattggnc 360
aatacaagtc atctactcaa gattccaggc tcgaagatta acctgcgtgg cttgatgagt 420
tgctctgtga naaaactgat nggttgctca ctanaggagn cctccgntcc cgctcagcta 480
gcnatcag 488

<210> 6933
<211> 505
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-A4

<400> 6933

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tctatcatca catccccaag gactacganc aagatgggcc ttgctgggcc atccaaatct 120
gccgatacta ttttcaaata catagctcct gaacaagttc ccgttaanta cggtggnctt 180
ancaaagata ctcttttgac cgaagaaacc ataacggaag ccatcgtaa accggcagca 240
aactacacta ttgaattgcc tgcttctgag gcttgcacgc tttcatggga gcttaggggt 300

ttgggtgctg atgtgagcta cggagctcat tttgagccaa ccaccgaagg aagctatgct 360
 gtgatecgtct ctaagacacg gaagattgga tcaaccgatn aaccggtgat aaccgattct 420
 tttaatgtgg gtgaaccggg aaagantgtg atcacaatcg acaaccatac ttccaagaag 480
 aagaaagtgc ctacangtca aaact 505

<210> 6934
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-D11
 <400> 6934

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 tgagcttata tcagaatgct ccgaaaagta agggatttaa aagagaggag ctcaagaaac 120
 agtacgaaga tgttgaagat gaggaagaga ttgggtccga tgatgatctc actnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntcggaactg gttgaaatga 240
 aaaagcttga gaatttgata ttcgggtcac tctactctcc tgttacgttt ggtaaggaag 300
 aagaagaaga tggttcggct ttgtttcatg ttagaccgtt ctgctgtgaa gcagattcct 360
 gactacgaag gatgatgggg atgaatgatg aaagancctt ctgatgaa 408

<210> 6935
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-D12
 <400> 6935

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 cgcaacttac taattccctc aattatctct tttctgttct tctcttatta tttgtatcgt 120
 tccactgctt atgttttcgt ttttcgttgg ttgcagcttg ttcaaaactcc actgacgac 180
 aacagattca acaccatcac caccggaaat gggttgggtcc ctcaggccac aaagtcatca 240
 ccgtctcact taacggccac gctcagtttc gtcctgtcca agacgctgtg gattccatac 300

gatggtgatt ctggtaacag gaaattcatg aactttgtga ttcattgcat caagaataga 240
agactagaag ggggaggtta attagattat cttaaggtgt ataaaatgga aaaaaagagt 300
gtaccaaatt ctgataagtt gtctctgatt agagtgttaa gaggtataat atgtctgatg 360
gtgttagttt caacagcttt tatgatgttg atattctggg gggttcttan cagctgtagt 420
gttgaggctt tcagcattcg ctatagcccg taaatgtgtt tccctctcct ttgggctccg 480
tggtcgcct tgtggc 496

<210> 6938
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-D6

<400> 6938

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tccactgctt atgttttcgt ttttcgttgg ttgcagcttg ttcaaactcc actgacgatc 180
aacagattca acaccatcac caccggaaat gggttggtcc ctcaggccac aaagtcatca 240
ccgtctcact taacggnac gctcagtttc gctccgtcca agacgctgtg gattccatac 300
caaagaacaa taacaagagc atcacaatca agattgctcc cggattttac agagagaaag 360
tggtggttcc agctacaaaa ccgtacataa cgttcaaagg agctggtagg gatgtgaccg 420
ctatagagtg gcacgaccgt gcgtccgacc ttggcgctaa cgggtcaacag ttacgtacct 480
atcaaaccgc ttccgtcacc gtctac 506

<210> 6939
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-D8

<400> 6939

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tctctctatc tatctctcaa tctgtaagaa gaagattccc acttcagtaa aagccctaac 120
 tttacttggg aaagttcttc atcnatcatc cttcaatcgt catcatccat ggctgatcaa 180
 caaacctag attcctctac tcctcctcct agtcaatccg atgatctatc tcactccac 240
 tctacttcct ctactacttc agcttcttct tcctcagatc catcactctt gaggtctcnc 300
 tccttaagtc nactcaacgc cggngctcct gagttcgttc ctggtcganc tantcctccg 360
 ctgcctcanc ctccgangat gatnatcgcg cctccnccg ggtgganggt atggttcata 420
 ggtatnacc 429

<210> 6940
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E10
 <400> 6940

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 aatccgctga gatcaaaaaa tgttttcgat tttatcatca tcttcttctt cacaactcgt 120
 caattcaact ctcaatttcc aaaattcgcc gaaatctccg atcacctgta tgtcgaagac 180
 gtctaaattc aaaaccctga cggagaattt caccgtgaga gtgcttaaag cagagaatcg 240
 cgaactgaac gtggctctgc tctcaccttt cactatcgct tcttcacggc ttgattctgt 300
 cagtaatggt gcgattccgg attgagctca acgaatggat ttgttggtt tgggganaaa 360
 ctccgatttt tgccgntcgg taacggcgga ggatcagata atggctntgg taaaagcncg 420
 ggaagcta 428

<210> 6941
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E11
 <400> 6941

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acccttgtag aatccttatg cttatagcag ccagttgcct acctctcagc tgccaccaca 180
gcaaaacatc agtcgtgcaa ctgctcctca aactcctttg aacattaatc tacggccaac 240
aactgtgtct tctgcaactg ttcaatttcc cctcgttcc caagcaagca accgctacaa 300
aagatgcaac aatcctcctt ctgagctagc tcaagctctt gtcgcagcaa aactcagagt 360
ctaacaaagc aacattccaa tcgtctcaag caaggcaant ttctcaagct gcaagcaagc 420
aagtgcaan tctaattgcan caaaccaaaa ccaaaaattt a 461

<210> 6942
<211> 516
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E2
<400> 6942

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aactaatcaa gccaatatct ccaccgacca aaggttgga agtggtgctt acttctcgaa 180
atgagagtgt cgccatgcgt agaaatacat catatatcaa ctttaaacca agaatgccta 240
accactgaag acagttggac actttttcag aggatagcac ttcctatgaa agatgcagct 300
gaatttaaga ttgatgagga aaaggaagag ttgggtaagc taatgatcaa aactgtgga 360
gggttaaccat tggccatcag agtggttagga ggtatgtag ctgaaaaata cacatcgcat 420
gattggagaa gattatctga gaatattgga tctcatctcg tgggaagaag aactaacttt 480
aatgacgaca acaacaatac atgttacaat gttatt 516

<210> 6943
<211> 459
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E3
<400> 6943

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 aagctatgag gggccaagag tggcagatat atcagtgatg gccacagagt atagccccgt 180
 gctgaaatgg cttagctaca gggcatctcc agatgcgttt ccgggaatgg gcgaagagac 240
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 atcttaagtg tcttatatgt taggtcagat agaactggta tgatagttaa caacttaaca 360
 tcaagggaag gaacactaat tgttctgctt acttataaat agaaaatgga gagtcacttc 420
 tctatctaac aaaaaaaaaa aaaaagggcg gccgctnct 459

<210> 6944
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E6

<400> 6944

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 gtatcagcca caagttggac tggcaagaga aatccaagaa ttgttattga tcttgaagaa 180
 cctcctccca catgggtctc ccatagagag actacagagc atgctcaggc ttctgttagc 240
 tatgttactg tgagaaatcc tgacacaaaa ccgtcgttct ttgatcggat cagctcaaac 300
 attctgatgg atgtagacca atcactcggt gaggatgata gtgataagac aactagtaag 360
 gagtcaagtt tactggatct taataacaca ccggttgatg agtctgtttc cgagcctcgt 420
 tactctctct tacaagatct ganctgtgc 449

<210> 6945
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E9

<400> 6945

654730"4636663

<400> 6951
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 atccaactga tgatgggttg attactatac ttcccttctt agagactttg gctggttgctg 180
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 gacctagttg tgggcttaaa tcttatgact ttgctgggtt cttctctgcc aagatagatc 480
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<210> 6952
 <211> 505
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-111-Q1-E1-A2

<400> 6952
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 atanaggaag aaaacgttcc aacgactggt gactcaggag ctgccgatac aacggtgaan 180
 tctccgnga agaaaccggn ggcgaaaggt ggtaaactta acaagacgac gacggctaaa 240
 gcaaccaana agcctgtgaa agctgctgct ccaacgaana agacaacaac ttctctcac 300
 cctacctatg angagatgat taaagatgag attgtaacgt tgaaggagag aactggntct 360
 agtcaatacg cgattcataa attcatagan gagaaacata natcactgcc tcctactttt 420
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<210> 6953
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-111-Q1-E1-A3

<400> 6953

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aagaaggtct ctattcagca tttaatggna ttggctactt gtatgtcaaa ggctatggag 180
tagnataaga nnnctatac taaggcaaga gaatatTTTg agaacgctgt tgacaatgaa 240
gaccccgatg ggcattataa ccttgagatt ttgtatctta aaggcatcng agtcaacagg 300
gatgtgaggc angcaacaaa atacttcttt gttgctgcaa atgctgggtca accaaaggct 360
ttctatcaac tcgccaagat gttccatact ggtgttgggc ttaagaagaa tctggagatg 420
gcgacttcat tttataagct agtagcagaa agggggccgt ggaattctct ctcta 475

<210> 6954
<211> 459
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-111-Q1-E1-A4

<400> 6954

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ataatttcan ccatgaatga tgagctttgt aatccgtctt tgtggtctac ttcagctacc 120
ccgagttccg ccgcgacgac gacgggttct aatgggttcg gctctcgttt ccgccgatgc 180
ggctgcgatt gatggaacat cgcattcttc ggaatctgct ggtggtggcg ggggcggagg 240
aagtggaaat agtgTTTTgg atgaggcgag tcttcggtat aagaactcag tgacttcgct 300
tcgtgctgtt cttgctgcga ttccaaattc gcagaaggca aaagcatctg aaatgcaaaa 360
tggttttagga tccctgaaag tgaagacgag atcgaaaaat tggaggagca agccttaagt 420
ctcaaaatgg agattgcaaa gaagaatgtt catgttaaa 459

<210> 6955
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<210> 6959
 <211> 502
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-111-Q1-E1-B7
 <400> 6959

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 atgaatccat ttgtctccat cctcagtggc tcggggcgtaa agactgctta atacaccatc 180
 ttctttaggaggaggagtga gagtggtgat gtctgagtgg cgaccagttc ctatggccag 240
 gcttggtcca ggacatttcg gatagtagtt gaagttcatt ctcatgttc ccattagggt 300
 ttctttattg gactcatcga tgatttgttt tagattgttg atgaacagaa ggccacgtgg 360
 cagcgaagtc atgtcgttga ggaagatact caaacttgag gaaatctctc cattccaaaa 420
 cactttctat gcaaggattg aaacttggtg tcaaccacgc cgtctccgac actgaactcc 480
 ctctccaata ccttcttctc tc 502

<210> 6960
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-111-Q1-E1-B8
 <400> 6960

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 ctctccgtca cttctccgtt caagcccgtt gagaacccan gtcttggtct tgcaaagctc 180
 aagcgttggg aacgaaaaga atgcacacca aacagtcttc cgattctcca canaatgcat 240
 gtcaagtttg gagatacagt caaagtaata tctggacgag acaagggtaa aatcgatag 300
 gttactaana ttttcantca caacagtacc attgtgatca nagatgtgaa cctcaaaaca 360
 tnnacatga agagccgana agaggagag cctgggtcaa attgtcaaga tagaagcacc 420
 tatcnacagc tcaaattgta tgttgtantc aaaataa 457

<210> 6961
 <211> 533
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-H4

<400> 6961

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 actaagaaaag aaagaacaaa aaantgctca aaacaagttt tcttctctc caaatccctt 120
 tctcccttct tccctccttc aaatgttagt tatcggtcgg gaggaagaa cattcggcgg 180
 gcggtttctc aagcgggagg gagaatccat ttactccaaa aagcatctct aagttcgtta 240
 ctggaacaaa gagaattcgt gggccaatct cccaagatcg ggaggttttt aatctcaaaa 300
 gttcaccac tcaaacgccg gttagactca agcaactttc tcaaaaactc gccggccgcg 360
 naactcgctg ccgactccgt tttccccgaa tttccggctc cgccgcgaaa tctcttccgg 420
 tttttcccg attttaggaa gccaagttct cgaggaaaac acgaacgaac gaacgttta 480
 aattccccg tttaatgacc aagaaggaac nttcaactaa actaangga aat 533

<210> 6962
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-F3

<400> 6962

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 ccggcctgag ggatgacata agggattatg tgagaatctt ggtgattggt gcgggtgggt 120
 tgggttgga gcttctcaag gatttagctc tttctggttt tcgtaatctc gaagtgattg 180
 atatggaccg tattgaggtt actaatctca atcgccagtt cctgttcagg attgaagatg 240
 taggaaagcc taaggcagag gtagcagcaa agcgtgtaat ggagagagtg agtggagtag 300
 agattgtgcc gcatttttca cgtatagaag acaaagagat tgagttttat aacgatttta 360
 atatcattgc tcttggctct gattctatcg aagctcgcaa atacatcaat ggggtagctt 420

gtgggtttct tgagtataat gaagatgata ctccgaaaag agaaacgatn aagccaatgg 480
gta 483

<210> 6963
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-F4

<400> 6963

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tatgagcgaa gaactaagtc aaaagccatc atcagctcag tctctgtcac tgagagaggg 120
cagaaatagg tttcctttt¹ tgtccctgtc acagagagag ggcagatttt ttccttctct 180
atctctttca gagagagatg gaagaaagtt ttcttttctc agtatgttct cttttctcat 240
gccactgttg gaggttatta agattattat tgcttctgtg gcctccgtaa tcttcgtcgg 300
tttcgcctgt gtaaccctcg ctggttctgc cgcagcatta gtcgtaagca ccccggtttt 360
catcatattt agtctgttc tegtaccagc tacgatagcc acggttgtct tggcgacagg 420
attcacggcc ggtggctctt ttggancgac aagcacttgg tcccatcaat gtggcttggt 480
aaacgtan 488

<210> 6964
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-F6

<400> 6964

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tgccatgaac gggaagaagc atgagactcc ctcccgggtt tcggttcgat cccgatgatg 120
aagatcttgt gttcgagtat ctgcceaaga aggtcctcca ccgtccaatg gacttcgatc 180
tccctgagct ccgttcttgc aatgttgatc catgggactt gctaggagag aagaacaagg 240
aagtgtatta cttcgtgaag aaggaagagc gagagaggaa gggaagagag acgttatccg 300

gttattggga agagtgtgaa gaagaggaag taatggaggc tgggtggtcgt gattgtattc 360
 atttagaagg aaggagaaag acatttgctt tctttatttg aaaaaaacct cgagggacaa 420
 taactccatg ggatcatgta cgagttccga cttctttcct ctagagct 468

<210> 6965
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-F8
 <400> 6965

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 actttactaa taataaagtt tactattaat gaaggaggagg gttaaacttt tggccgtgtg 120
 cctttgcgtg gccacggcga ccgtcatgat ggtccaagcg gaggaccctt acttcacca 180
 cgtgtggaac gtgacgtacg gaaccgcac tcctctcggc gttccacaac aagtcacct 240
 catcaacggt caattccctg gtcctaacat caactcgact tctaacaaca acgtcatcgt 300
 taatgtcttc aacaacctcg acgagccttt cctcatcacc tgggccggga atccagcaca 360
 ggaagaactg ctgggcaaga tggaacagct ggaacaatgt gtccgattcc tccgggggtca 420
 gaa 423

<210> 6966
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-G1
 <400> 6966

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 catatgggat tttcctctgc atcgattgtt cagctactca ccggaatctt ggtgttcata 120
 tcagcttcgt cagatcaacg aatttagact cttggagccc ggagcagctc aggacaatga 180
 tgtttggtgg taacaaccgt gctcaggttt tcttcaagca acatggatgg actgatggtg 240
 gcaaaattga agctaagtat acttcaagag ctgctgattt gtatcggcag attcttgcta 300

aagaagttgc gaaagcgatt gcggaagaaa ctaattctgg tcttctgtca tctcccgttg 360
 ctacttctca gttancggaa agtatctaata ggggtttcct cctaancgg tcaaaggaag 420
 antttacctc ctt 433

<210> 6967
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-G2
 <400> 6967

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 cggacgcgtg ggactacaca agatggtcag aaagagtctg ataaaagaag ccaaaaacag 120
 aaagtctcgg agctgaagga aggagggatt ctgaaacctc caaagaaacg gtaaccact 180
 ctactaattt ctgtcatcac tttttggcga gggttcagcca gctcagtga ggaagttaag 240
 ggggttgaat aattggatg ctcatgcaat tctttttggg aattgcatac ctgaaattta 300
 gttgcagttg tttttttgac naagtctcaa gcaggaaagg agatggtttc aggagctgca 360
 ctcttttaggg ttatgttgaa tggagtcttc aacctgttta gaagctccat ttttaatacc 420
 tttatgcttt aaactgttag ctctgtttcc aatggatgtt tccacaagtt gtaacttttg 480
 caa 483

<210> 6968
 <211> 426
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-G5
 <400> 6968

gggagaagca gaaaatttac ttagaaggag cgttgaaatc acgtacgagg cacgtgagat 60
 tttctacaac agatgcacca agggttcatg ggatttcgcc tacgctggaa aagcttcccg 120
 gagaccaatt cttgtcgcag cttccgttgg tagctatgga gcttatctcg ctgacggctc 180
 cgaatacagt gggatatatg gagattctgt gagtaaggag acattaaagg atttccatag 240

aagaagagtt caaatcttag caaaatctgg agccgaccta atagcattcg agactattcc 300
aaataagctc gaagcagagg cttatgcgga tcttcttgag gaggaagata tcgatattcc 360
ggcatggttc tcgttcactt ccaaggacgg gagtcagtgt gccacgaaga gantcagttg 420
tagaat 426

<210> 6969
<211> 424
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-110-Q1-E1-G7
<400> 6969

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atggatttgt tcaaatgtgt aatgatgata atgggtgttg ttgtctcttg tggatgaagct 120
gtttctggag ctaagttcga tgagctttat cggatcaagct gggctatgga tcattgtgtc 180
aacgaaggcg aagtcacaaa actcaagctt gacaattact ctggagctgg gtttgaatca 240
agaagcaaact acttgtttgg taaagtctct atccagatta agcttgttga gggatgattca 300
gcaggaacag tcaactgcttt ctacatgtct tcagatggtc cgaaccacaa cgaattcgat 360
tttgagttct tagggaacac taccggcgag ccttacatag tccagaccaa tatctacgtg 420
aacg 424

<210> 6970
<211> 454
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-G9
<400> 6970

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aaatttcttc tcctaggttt agttctgttc ctgggtctga ccggctcact tatcgccgcc 120
aatgagtatg cctgttctag taccgatata cactttactc gtgccaattt ccctaaaggt 180
ttcatttttg gtaccgcaac tgctgctttt caggttgaag gagctgtaaa tgaaggatgt 240
agaggtccaa gcatgtggga cgtatacacc aagaaattcc cacataaatg taattatcac 300

aatgccgacg ttgctgtcga tttctaccat cgttacaagg aagatatcaa gttgatgaaa 360
aatctgaaca ctgatggcct tagattttcc attgcatggc ccagaatatt ccccatggt 420
aagatggaga aagggaatan gcaaagcaag tggt 454

<210> 6971
<211> 407
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H1
<400> 6971

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tcatacgttg ttgaaaatgg cgtagttgga gaaaggagac gaatcgatca tctacctact 120
tgcccattct ttgtcgtcgt ttttcgattt tccttgattc gccggagaaa tagcgtttcc 180
ggcaatgaaa acctctctcc gacggttacg aggtgtgctt cacaagcatg aatctaaaga 240
ccggagagat cttcgagctc tggttcagaa agatgagctt gcccaagctt ctcaggacgt 300
agaagacatg agagattgct atgatagctt gctcaatgcc gctgctgcta ctgccaatag 360
tgcttaagaa attttccgaa tctttgcgaa aactaagtgc ntgtctc 407

<210> 6972
<211> 494
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H11
<400> 6972

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tggggctgaa gtctgaaaga tgcaggcaag tgataggttt aacataaatt ctcagcttga 120
gcatcttcaa gctaagtatg ttggtacagg tcatgcagat ttgagcagat ttgaatggac 180
tgtgaacatt cagcgtgata gttangcttc atacattggt cactaccga tgctttctta 240
ctttgcaata gctgagaacg aatctattgg gcgagaacgt tacaacttca tgcagaaaat 300
gctcttacct tgcggccttc ctccagaaag agaagacgag taagagcttg tgtgcatttg 360

aaattaaaaa aaacattcta cttcttagaa gcttgtgtgc aatcttcttt aactgctcca 420
ccaatgtaat tgccgaaaag gcttcttcct gtttctagtt cataatgcan ttgttgatca 480
tgatctaaac antt 494

<210> 6973
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H12

<400> 6973

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nccntcaaca atttaaccgg tccaatccct gattctccgg ttttcttaaa ccaggaatca 120
aatcttcttt caggaaaccc ggggtctatgc ggtgaaccga cccgaaaccc gtgtcttatt 180
ccttctctgc cgtctatcgt ctccgaagcc gacgtaccga cgtctacacc agcaatcgcc 240
gcaataccga acacaatcgg ttcaaaccgg gttaccgatc caaattcaca acaaaccgac 300
ccaaatcccc gaaccggggtt acgaccggga gttataatag ggatcgtagt cggagatatc 360
gctggaatcg ggatcctcgc cgtgattttc ctnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nacagacaca attacgttat 480
caacatttca tcctc 495

<210> 6974
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H2

<400> 6974

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tcctagtggg gcaggctcgc gaaagcctct tgtggaatct gctccaatcc gacaagaaga 180
taaccgccaa attcgacgcc ctccgcctcc accgcagcag cagagagtac aacctcagca 240

gaagcgggct ccaacggtca aagatggaac tcctaagccg caattnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnctatgcg tatatttgct 420
 ggagattcag ctgatggaga gaaatttgct gagaaaatng ganctgaaat tgattgaaaa 480
 cncttgcggg a 491

<210> 6975
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-F2

<400> 6975
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 ctactttatt ttgggtaatg ttcangcgaa aaagtcgttc tattttctct aggcgccatc 180
 naagtcgatc tggtactcct aagagacggt ctccaacccc aaaacgttac aaaagacaaa 240
 agagtaggag ttcaactcca tctcctgcaa aaagatntcc cgccgcaacc cttgagtcag 300
 ccaaaaatag gaatggagaa aaacttaaaa gagaagagga agaacgaaaa aagcgacagc 360
 gtnaagcaga actgaagcta atanaggaag aaactgtgaa acggggttgaa gaagctattc 420
 gaaagaaaag tcgaanaaaa gcttacagtc tgagaaaatc aaaatgggaa antccaaccc 480
 cggttggagg 490

<210> 6976
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-C7

<400> 6976
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 aacacgcgtc cgcccacgcy tccggcagaa tcaaggagtt catattcaag agactcttct 120

gctaactcca ggggtagaga agataggcgt tttgttgcca aagagttaga tacatttcag 180
 ggacgtgata aagcttatga tgagggttat aatcctcgaa ggttcactga taatgagaaa 240
 ggactcagag gaggatcaca ttcaaaaggc tctgatacta actctcgggg ttgggggtgat 300
 aggcgttctg ttgtatatac aagagatatg gatgattgga gagagaggaa taaaaccaag 360
 gatactaggg agactggctt ttttaagccg gaaaactttt gcagaaattg gatgtagtga 420
 agatatgatg aaggccttaa aggaacanaa ttttgatccc cggcacatat tcaggctagg 480
 gcttttttc 488

<210> 6977
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-D10
 <400> 6977

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 attggatttt gcgagtagct taaagaaggc ttcagcatta cagtcgatca gggttgatgg 180
 ttgttctgtt acgcctgatg gtttgaaggc gataggcaca ttgtgcaatt ccctgaaaga 240
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 actgaaagac ctcagaaaac ttgacatcac atgttgccgg aaactaagta gagtttcaat 360
 caccctaaatc gccaatcgt gtcctttact aagtctcttt gaagatggag tcttgttctc 420
 ttgtttccag agaagccttt tgggtgatcg gacaaaagtg tcgggctact tgaagaactt 480
 gacttaactg acaacgaa 498

<210> 6978
 <211> 429
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-D5
 <400> 6978

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 atggaggtct actgggtgtc gcatattcca agcatattgt gcatatata tcatatcatg 180
 gtggcgagga ttacggaat catctagaga ttgatgcca tgctggtaat gtcaacgatc 240
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 tcaaggctctg ggatgctggt accggaaata aattgcacac ttttgaaggc catgaggcac 360
 ctgtttattc cgtgtgcccc caccaagaaa gagaatattc aagttcataa tcccaactgc 420
 ctgttgaat 429

<210> 6979
 <211> 422
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-D6
 <400> 6979

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 tgaatgtctg cgaaagtgag tttccctgca aacattctta tgttgataa gctactgact 180
 cgctttgttc atgtgatgac aaacttcttt aactaatact atgcatgtcc tcatgggttc 240
 tgttgctgct gctaattttc tttctttctt tattctagtc ctggctagtt tatattgatc 300
 taccgggtta atattgcttt gctcatgtga ctgtgttctc atgacatttt ttcgtacctt 360
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 ca 422

<210> 6980
 <211> 429
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-D7
 <400> 6980

acgcgtccgc atctttcaga gctagtaagc agaagctgga aagtttatta cagaaatggt 60

6981-6982

cagaatggga ggctgaaaat acgtccttgg ctcaggatca agaacaacta ttcgaatctg 120
gtgaagagac atgtttcccc gccatacgtg ttggattgca gaagacttcg tctgtgtcat 180
tctggatcga caaccaaact ggtcataagc cggttgaaga ttttgttcta gtggaaagta 240
gcaccactcc tctttatgac cgtaaatttg ctataggttt aaattcagca gatgggtcaa 300
gaaacgtgga agggggattg gagattattg atgatgatcc tccacgttgc ttcaattgtg 360
gtggctataa gtcattctct aaagagaatg tccaagggcc tttggatcga tnagcggtta 420
aaaagtgcc 429

<210> 6981
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-D9

<400> 6981

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acgaagccac cattggggagg taacaacaat cctnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
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<210> 6982
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-E1

<400> 6982

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gagatttcaa	gactttcta	atccttcttg	actcggagta	caacgcaaag	ctttctgatt	180
ttgggttggc	taaggatggg	ccaataggtg	ataaaagtca	tgtctctaca	cgagtcatgg	240
gtacacacgg	atatgcagct	cctgaatacc	ttgcaaccgg	tcatactaaca	acaaagagtgtg	300
atgtctatag	cttcgggggtt	gtccttcttg	agctgttgtc	tggtcgtcga	agcagtggac	360
aagaacccgc	ccatctggag	agaggaacct	tgtggagtgg	gctaaaccat	acctcgtaaa	420
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<212>      DNA
<213>      Arabidopsis thaliana
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<223>      unsure at all n locations
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<400> 6985

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gagcagcgat	cgaacagtta	actaattttg	atcgaatgca	tgattggctc	gttgagtatc	180
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atcccatcaa	cgttgaatat	gtcctgaaaa	caaacttctc	caattacccc	aaggagaga	300
cttatcattc	ttatatggaa	gtattgttgg	gagatgggat	tttcaattct	gatggagaac	360
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tttagta						427

<210>	6986
<211>	428
<212>	DNA
<213>	Arabidopsis thaliana

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<223>      unsure at all n locations
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<400> 6986

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 aggacaagac cattgttggtc acggtgaacg gagagattta taaccatgag gagctgagaa 180
 aacgtctgaa gaatcacaag ttccgtactg gtagtgattg tgaagtcatt gctcacttgt 240
 acgaggagta tgggtgtggat tttgttgata tgttgatgg aatattctcc tttgtgttgc 300
 tcgacacacg agataactct ttcattggtg ctcgtgatgc gattggtgtc acttcgctct 360
 acattggttg gggactagac ggatctgtgt ggatatcttc agagatgaaa ggcctaaacg 420
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<210> 6989
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<400> 6989
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 nntntntntnt nntntntntnt nntntntntnt nntntntntnt nntntntntnt nntntntntnt 180
 ctcaaacgcy cgaaagcgga tccagtgtag acagaatcaa ggcggaatcg ctattccgtc 240
 ggatgcygagc tgctcctgtg ccggtgcgtg ttcacgacgt gattatcggt ggaaacgaag 300
 aagactaagg accatatcat tgaagcggaa gtggatgctg tgagagaggc gaccacgttg 360
 ccaattcgaa tctccgtgcy ttagatatct ttgattccgt caacattacg cttgantctg 420
 gtccccccga a 431

<210> 6990
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6990

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 ccctctttat ctcggtccgtg ttagtgagct cagtctccgc ggctacaatg gagtctccag 180
 caccatcacc aggtgcttcc tctgcctcca ccgtagcttt tccggtgggt ggctccattg 240
 ttgctgcatc actctccgcc ttcttggtc ttctcttgca gtagaaagac aagagtcctc 300
 aaaatatgag aaggagatat ataacaaaac tctttttttg ttctgatttt gttccttaga 360
 atctatgatg acaaataacc cattttgatg tataatctca ttgtgtaagt tattacacta 420
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 a 481

<210> 6991
 <211> 414
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-E8

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 attagcctcg gctaaagtaa cttcagcaat gatgggtcgt ctctcgaata atcgggtcaa 180
 gcctaaagaa ntctcggcca tganagactg cgtnaggag ttaggtgaca cgttggagga 240
 gcttaggaaa tcgattggtg agatgtgtca gctaanttgg ntcnactat gaagnttaca 300
 tnnccgatan agagacttgg gtcagtgcgg ctttgacana tgtgaacaca tgtactgacg 360
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<210> 6992
 <211> 409
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-F11

<400> 6992

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tgttggttgt ctcttggtgt gaagctgttt ctggagctaa gttcgatgag ctttatcggt 180
caagctgggc tatggatcat tgtgtcaacg aaggcgaagt cacaaanctc aagcttgaca 240
attacncngg agctggggtt gaatcacaga accaaatact tgtttggtta agtctctatc 300
cagattaagc ttgttgaggg tgattcagca ggaacagtca ctgctttcca catgtcttca 360
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<210> 6993
<211> 398
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6993

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agatgaaatt caatttacgc aggaattttc cacttctgac gacaaagaga gttttctgga 180
gaggtgttgt tgaggaactt ctatggttca taagcggttc aaccaatgca aaggacttct 240
aagaaaaggg tatccgtata tgggatggga atgcgtcgag agcatatctt gatngtattg 300
gactgactga nnagaganga aggtgacctt ggaccggtt atggatttca gtgggagaca 360
ctttggtgcn aagtacacac gtatgcaggc tgantata 398

<210> 6994
<211> 453
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-G4
<400> 6994

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ctcaaagcta tctgttacaa gcttggctct ctccagttac tcgatcagag gaagcttcct 180
 ttagagacta tttacttaga gattcgtgat gcttcagatg gatggagtgc tattcaggaa 240
 atggttgtag gtggtgctcc tgctatagct attgctgctg ctctttcttt ggctgttgaa 300
 gttttcanct ttcattggtt tgatggatna gcttcagatg ctgttgcttt tcntgagaac 360
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 aaacttaaac atgttatagc aaaggccttg gnt 453

<210> 6995
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6995

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 gagttcatgt tgctcctaag atagctgcag aggagactga tgaggaattt gaagtcaaag 180
 aatgcacaga ggagaagtct ctttctgaga atgcacaaaa tgttggatct gctgagagag 240
 ttggagctca naaatcacct aaaacccgta atggaaatgc taaagtttca nngcagcagg 300
 atgctcctcn tctcgcggtg aggaagccat tgcaaccga naacaagaan catattgang 360
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 ctgg 424

<210> 6996
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana
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 <223> Clone ID: LIB24-108-Q1-E1-H1
 <400> 6996

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 ccgccacaga tagaaccaat cccaagtgga aatctcccc ctggttttga tccaagtact 240
 tgccgcagtg tgtacgttgg aaacatccat attcaggtga cggaacctct gttcaagag 300
 gtttttgctg gactggtcc tgtagaaagc tgtaaactaa ttaggaaaga aaagtcttct 360
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 atggg 425

<210> 6997
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<400> 6997
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 tcgcagaaaa atgcgcaccc agagcttggt gagtgggtaca attcgctcgc agatctgtac 180
 cagaagaagc tctggcatca gctcactctt aagctcgagc agttcatcgc tctctctgtc 240
 tttcaggctg gagatgcttt aatacagctt tacaacaatt tcatcacnga ctttganacg 300
 aggatcaatc ttctgaagct tgcgcatttc gctggttag tcncccgaca gtatcctgaa 360
 gaaagaagct gcagttagtt atcttgaagg agtgattgag aagcttaaag ctactaaaga 420
 gtcaaggata aatgaaccaa ntagctata 449

<210> 6998
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
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 <223> Clone ID: LIB24-108-Q1-E1-H11

<400> 6998
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tatttttagga agacaaaaga tgttaacaag aagagaccac ttgactcaag gacttgtcct 180
tattttcacc aactcacagc tttatacagc caaccaccaa cagggaccac cgccaccacc 240
gccaccacgg ccacgtcagc cagagatcta gacacccgac ccgaggaaaa ccgggttgga 300
tccaagatc ctgatatttc tgtacccatg catgtagatg gagatgggtgc tggcgataaa 360
agcaatgttc agttttcagg tttcgatctt gagttctaan aantcccntc natatatnta 420
ttagcagtta tantcctcnt tttctgcttt ttgctaaaaan ctca 464

<210> 6999
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-H4

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ggagatcgcg gcgatttcgg acgtggattc ggtgggtcncg gcggtggaag aggtgggtccg 180
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naagtgatga aaatcatgcc ggttcaaaaa caaaccagag ccggtcagag aacgagattc 420
aaaggncttc atcngtccgt ccgganatag taacgggtca cgttnggatt aaggagtcaa 480
aatgc 485

<210> 7000
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-H7

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cgacagtga gtgaaggaag ccaaagacgg aggaggtgaa gaagttaccg gcggcnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
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nnnnnggaca gagtacctag tgaggccggt tgggtgaggtt gaagatgagg atgatgcaag 360
tgattttgac cctgaggaga atggccttga tgaaagaaga agtgatgaag agattgaaag 420
aagatgatgt tgatgag 437

<210> 7001
<211> 425
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-H8
<400> 7001

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tcttcattgt catgccttag caacagagat ttatcgtctc cttataattg ctggtggcga 180
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ttgttcaaca natatgggaa ggttggtttt anaagcactg atgttaagtc tccaacagct 360
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gtgat 425

<210> 7002
<211> 518
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-109-Q1-E1-A8
<400> 7002

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atctgcttgt gaagaacacc caaaactaaa atcctttgat gcttcccttc agcagcgaac 240
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ttaccgaaat ccaanacgat gtgtggggac aaccaagctc taaagtattg gtcctgggct 420
atcttgaaaa tactaaaaag acttttagaga ttttcaaac tatagagaaa ctgcgtccna 480
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<210> 7003
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 7003

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 7004
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 7004

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 aaccgcaccg tgggcgctctt cgtcttcttc atcctcgaca ttgttgattt ccngctttgc 180
 ttacctata agactcttga tttcttcttc gagtccgagt ggnaaccctg ctactgctgt 240
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 tctgcaanga tcaggagact actctaaggt ggtctcactc acaaggacaa agatctanct 360
 ggatnagatc tccganaaac ttnacnctcg cccttcactc cncaccaagc tcactaaagc 420
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<210> 7007
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 7007

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 cctgtggagc ttctcatgaa gatttttaaac cttgttgatg atcggactgt gatcattgct 180
 tcttgatatt gtagtggctg gagagatgct gtttcccttg gcctcactcg cctctccctc 240
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 cttcagactt tagtactgcg acaggacaaa ccgcagcttg aggacaacgc ggtggaagcc 360
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<210> 7008
 <211> 391
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 7008

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 tatgttgaag tagtcccaca aatggagaaa gagagacgtt tggagcaa at ccttaggtca 180
 caagaacgag gttcaaaagt tataatattt tgctccaaga agaggctttg tgaccatctt 240
 gcacgtagtg tcggacgtca ttttggcgct gttgtgatcc atggagacaa gactcaaggt 300
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<210> 7009
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-H2
 <400> 7009

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 tggtcacatt ccatgggcat gcgaggcatt ctcaagattg cacggacca tcatggttcg 180
 aacaccgcac ttgatttggg gctggagagt gtttatgggtg aaactgtgga accacggctt 240
 tcttgatgcc cgaaccatga acaactgtaa tacctttctc gaacagctcc aaatttgaaa 300
 acccaagaaa tcattaattt aagtagaaaa acaaagaaag acaagagaag aagagttttg 360
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<210> 7010
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-107-Q1-E1-H3
 <400> 7010

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acgagaacaa ggactcgtgt attatccatg tcgaagaaag atggtcgcac tgataaagat 240
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 cttgttaaac gaatcgcaaa gatggctcct ggaattggtg gatttggtgg tctctttcca 360
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<210> 7011
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
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 <400> 7011

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 gagaagagga gaaatcgaga tgggtggtgg tgcgagagcca caagagctcc aaacattctc 180
 aatggcttca atcaacactc gctgagattg atgcaaagac aaaggcaatg ttgaagtgtg 240
 tagacggaaa cgcanactct ttcgctcagc gtgctgagac ttactacaag aaacgtcctg 300
 agcttatcag ctttgtcgaa nacttttata gagctcaccg ttccttatgc cgtgaacttc 360
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<210> 7012
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-A5
 <400> 7012

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 ctttcgaatc ttcaacacca cttctcccta tggttaacaac agtacgggtc atacgacgcc 120
 gtattgctgt ttactaact acgatacggg gcgggtgatg agtatgaaca ttttggattg 180
 ctcacattac acgacggtga ttgacaatgg aaaaatgaga ggagtggggc ctttggattg 240

gtcctatgga atcgagcttt cgtactcggg aacggagatt ggctgtgacc gttgccgaaa 300
 gtcagggtggc acttgtggct ttgacgccga agacggagat ctttctttgc cagtgttccg 360
 gttccaacaa caaccctacg agagaatgtg gtggangtat gactgacna ggangctgca 420
 gttttacaaa cattaaattt aanaa 445

<210> 7013
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-C12
 <400> 7013

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 tccgccggaa gcgaaaccat ccgctcagct cggctctctga tatccgctcg acacgcagga 120
 gaaagactcc tgagaagctg ggggtggggga acgggctggg cagtggaaga cgctaaagac 180
 aagatctgga aacttctaga agaatacgaa gtangaggag taatatcana ggcttgctga 240
 tgcatacgcn atctaggaat gccgtttttt aaccacgagg tggttaanaa ngctttggta 300
 atgggaatgg gnaagaagaa cgatcggatg cttaatctct tgcaggantg ttttgctgaa 360
 gggatcatta ctactanccn aatgacaaaa nggtttgngt cgagtcaaag atantcntna 420
 tgacttatcc ttggntaatc 440

<210> 7014
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-C4
 <400> 7014

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 gctatgttat taagcaacaa catcatttcc attgaatcga tatctccgac gagaagcttt 120
 canattccga tgagtaaaat gagctgttgc tctcgggtgtt tgcangagtt atgaaaacga 180
 cgtanctaag gtggaaaaag atttaaccgg agataaccgg tcggttttgc cacagtggnt 240

tcaaagtaat gtagtggttt cnaggaatgc ntccnantca ngtaatgttg tggttttggg 420
gaaaaagaca anttggcaga 440

<210> 7017
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-D12

<400> 7017

acgtaatctg tatcctcctg aaccagagag taatgaaggc aatggagaac cacgtcttgc 60
tcatactcct cagagtcggt tgcctcggac aaaggatatg attgtaaattg gaattactgt 120
caagatcaaa tactgtgaca catgcatgct ttacanaccg ccccgctgctt ctattgttgc 180
gatttgcaac aactgcgtcn agaagtttga tcaccactgt ccttggcttg gtcagtgcac 240
tggattgaga aactataggt tctacttcat gtttgtgttg tgctcaactc ttctctgcat 300
ttatgtccat gtgttctgct ggatntacgt caagcggata atggatagtg nagaacataa 360
acatcntgga aatcgtttct cnaagactcc t 391

<210> 7018
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-E11

<400> 7018

cgctgccccg tancggtcca aaaattcacg ggtcnaccca cgcgtccgaa aacataagag 60
agtctaaaca ctgtggtaga aaaaaatata gactttttaga tatgtgtagt aaaataacat 120
tagtggtaac tttattttcc agttatttca tatcaacaga tgctgtgaat ggatcatttc 180
ctgcgctttt ggcttttggg gattcaattc tcgatactgg caacaacaat tttctcctga 240
cttttatgaa aggaaatata tggccatatg gaaggagttt cagcatgaga agggngacag 300
gaagatttgg aaatggaaga gttttctctg anatangttg ctgaaggttt agggatcaan 360
aagattttac caagcttata gtaagttgtt caantcgcca agtgancnta gaaactgggt 420

gtttgcntcg catc

434

<210> 7019
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-E12
 <400> 7019

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 aatgcgggga ttgccctccc tgcgttggaac ccgtttaccc gacccgggtc gatactcacg 120
 ccgccaccgg gaaactctcc tctgacaatt aatttattat gggttgcttc aactccaagc 180
 attcttctcc ggcgggtcct ccacgccttg tccgccgtcg cttggacacc aacgtccacc 240
 gaagtcatac ccaagatccc cataaccgcc atgttcttcc cggtcacca tctcaccgcc 300
 gtgtcgtcaa ctcatctccg aaaaaacatc gcaacaatga cgacgatgct ccaaaatcga 360
 ggacgactgg tgttagccta agatcgggat tgccgcacag caatgtanag gctgagcang 420
 tggcggctgg ttggcctcct ggctcagctc tgccggctcc cgna 464

<210> 7020
 <211> 409
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-G11
 <400> 7020

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 atcagagaag atacagatca agaataatttc tgcaggtaca tcccccttaa tcggctaaat 180
 gaatccattc gcattaagga aaagttggaa ccaggatggt ctgtttcttc tctgtcaacg 240
 ggaaaaggag ttgaaagagc taatagtagt cttatccgat gcaagctagg ctcaactgaa 300
 gcagttgtga angatgcgca cattagaggt ttctggagct tccttaagat gacattagga 360
 cttttgagta tacatgctta ggacaantac gggatttttag gagccttga 409

<210> 7021
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-B12

 <400> 7021

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ttgtcgttaag ctttttaaca gagcttccgt ctcttccttc aaatctance tcagatcaac  120
caccggatct acgtcggctg cgtcatcagc cggatttcgt cttccttctc aaccactcgc  180
ccatttcncc ttctccagat gtccttcgga ggctgggatg tgttcagtcg ctgttaccgn  240
tgcacagcac ggtggcgng gcgaggctga cgtcatgtct aagnacaant tcaaggagta  300
ggcgaggctc tctctcaagg gtanactctg ctgcactctc cncgatntct aaggcngttt  360
ctcnnnacgt ttcttngag gttcacattt ttgcttnenn ccaagttggc atttaactct  420
ccct                                                                    424
  
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<210> 7022
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-B4

 <400> 7022

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cgttcttctg attttcacca gctcagatct ccgacaacat tcnggtatca tttctcgctt  120
ttttttcctc caaatcctta tccgccagat tacgaaaatg aggagcttga tccgagagag  180
gcatagttaa agcttatctg tgaattctta ggatttgaat ctgaatactc aggctttttg  240
attccttctc cgttacatgc ngattcaatt ttgagctccc ctgctantgt aaatctcctc  300
agctcggaaa cttaggggtn agtttggggc cttttgctct tcgttgcggt aagccatggt  360
taagaaaatc atgaaangtg ggcacngaa agccctctaa atcccgaagc taaggaacnn  420
gtc                                                                    423
  
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<210> 7023
 <211> 409
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-B8

<400> 7023

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acttttaggc gccgaaagat agagagaaac atagatacgc attgggtttt ttcttttttg  120
aagattctcg cttcttacta catgtgtatc aatcgatctc tancagatt ctccggagga  180
gctttgagtc ntgtcgtata catgcagtga aggtcctttg ttagatggga aaacttggtc  240
ttgagttgtc anaaggtatt ttctatgttt ttggagtaga nctgtttana aggaagcagn  300
caatatggag tttgantttg gangaaatgt ttttagtggt gttgtgaana natatcagtt  360
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<210> 7024
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-C6

<400> 7024

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gaatcattcg atgacttcta cagataatga ggttcaaaag tatcaggatt tcagtaggga  120
atttaaagat gtgtatgaaa catggcagtc acctcanaag gtgagtcgct caagggattg  180
ctcgcctaga aaaggaagat atgatgaaag tacgactgag aaacaaatgg ctcttggtcg  240
tcaaaagttc tcanaagcaa aacgccttgt aacagatgat agtcttcacc aatccaanga  300
gttccaagat gcacttgang tgtaagctc gaacaaggat ttgtttgttc aatttcncca  360
ggaatcaant tctttctctc agcagaatct ttctgacttt caccatgntc ct                412
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<210> 7025
 <211> 421

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-C7
 <400> 7025
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 aaagtttccg atatggctcg ctcgtttgng agctaacagt accgttgtgt tggcgatcat 120
 cttcttcgga tgtttatttg cgttgctctc tgcaatacaa gaggctacga agttaggatc 180
 antgataggg atagatcttg gnactactta ctcttggtgt ggtgtttaca agaatggtca 240
 tgtcgaaatt attgccaatg accaaggaaa ccgtantaca cttcatggg ttgggtttac 300
 tgantctgan agactcattg gtgaggctgc taagaatcan gcanctgtna atccagagag 360
 gactgtcttc gacgttnagg agattngatc gggccnagan atttgaggat aacgacgntc 420
 a 421

<210> 7026
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-C8
 <400> 7026
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 aatgtttctc tcggaagcaa tgaacaacaa tgctgtgata aacacgtgtc taggagtatc 120
 gtttgtgggt ttgggattga gatctgataa acagcagaag tatgttgagg ccttagcaga 180
 gcagaaggag tcaactcttca agtctaataa ggcaatgaaa ctcaccatgt gggagtggaa 240
 acagcagctc tttgctgaag ctgcctctgc gggtaatgcc gcggttggtc ctttgtcgac 300
 gcttaaggcc atctatggtg aagttaccac cacaaccaat caatctggtg acacagccaa 360
 ggaagattct aaagtgtcca ctccaagat catgatatga gangttg 407

<210> 7027
 <211> 396
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-C9

<400> 7027

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cttggttaga acaacatcta gcagaagtag gaaacgcaac tccagctcga aactgcgatg 180
aatctgtggt ttctctatca tcaagtataa aagcattgag aagagagcga gagtttttgg 240
cgaaaagggt taactcgaga ttgacgcctg aggagagaga ggagctgtat atgaaatggg 300
atgtgccatt ggaagggaaa cagangaaac ttcaagttcg tgaacaagct acgggactga 360
tccttatgat tcaangcacg tgcncgatag tggcag 396

<210> 7028
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-D7

<400> 7028

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gatttaattt tactatgacc actgtaatct agccactatt taaatttggn atatatagta 180
actatcttgt ggataataat attttgantg gtttaggcan ggcgagtttt ggagagcacg 240
agtgggtactt cnttantcct cgggatcgga agtatccaaa tgggggttagg ccaaaccggg 300
cancaacttc cggttatttg aaaagcaang ggaaccgata aaccgatatt tacgtgcaat 360
agtcacaang ttggtgtcaa gaaaagcgct tgtnttttaa nggtggaaag cctccgnaaa 420
gg 422

<210> 7029
<211> 381
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<400> 7031

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tggtttttgt caaatgact gatgtttact tgatgattgt gatgttgatg gggttggggt 120

ttagtataga gttatcaaat gggcacaagt tctatgttgg tgggagagat gggtgggtcc 180

ttactccttc cgaggattat tctcattggg ctcaccgaaa ccggtttcaa gtcaacgaca 240

ctctttatct taagtacntg aanggaaaag attcagtgtt ggagggtgagt gaaaaanagt 300

acaacacatg caacacgact caccctttga cttccctctc agacggtgac tctctcttcc 360

tacntaagcc gctcagnncc attcttcttc gtcagengca acccnggct tctgtccc 418

<210> 7032

<211> 427

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-107-Q1-E1-F1

<400> 7032

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gatggcgaca agcatcgcca ctggtagaag aagctacagt ctgattccga tggttattga 120

gcactcatcg cgaggagaga gagcttacga catcttctct cgtttgctca aggagcgtat 180

tatctgcac aacgggccca ttaatgacna cacatctcac gtcgtcgtcg ctcagcttct 240

ttacctcgag tctgagaatc cttcgaagcc ngatccatat gtanctcaat tcccctggcg 300

gccatgtcan cgccgggtctt gcaatttatg atactatgca gtacattcnt tcncctatta 360

gcacaatttg tttgggggtca aggctgcac aatgggcttc ncttctgttt ggcagcgggt 420

gccaaag 427

<210> 7033

<211> 408

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-107-Q1-E1-F12

<400> 7033

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 cattgaaggt gaagaggatg ttcagagtac atggaaagag gacggaaatg cgccaagctc 180
 gggtagatgt gatgaatgtg atgattatgg aggtgctcta aaaatcactc aggaaggtga 240
 tgtgatgcaa gaagaaagtg actttgatca ctgttcttca nattgtacan anatganaga 300
 atcaatgatg agagagatan agaaccttga actgaagctt caattgtatg gaggacatgg 360
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<210> 7034
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-F7
 <400> 7034

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 ctttaccggc gccagacacc tccatccttt attgctcgct cgctgttctc cctccgtgcy 240
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 gggagctgct gttttgccgg taatccgaca ccgtttagag tgtttgtcga gctcatcgcc 360
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<210> 7035
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-G1
 <400> 7035

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aggttataacc gagaattgtc tctatgtgtg cttacgtttc tctcatactg gccgtagcca 180
 tcgctgggtc atgcttcgtg agaagaacaa gtcaagtggg tatgttttgg caccaatccc 240
 aatttcccat tctccttctt tgcacgcgtc gagtatcgtg gcggttggtt ctaaaatcta 300
 caaaattggc ggagtcatgg atggatctag tgtttcaatc ctagactgct ggtctcacag 360
 gtggctcgaa gctccaagca tgcanatgga acgggaccgc ccatcagcca atttaattga 420
 a 421

<210> 7036
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-A7
 <400> 7036

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 ctcacactat gtgttaaacc angcaaagga tggatgttcc actggcggtt caagattatg 180
 ttcctctgaa gaccttgctg tatatgtaca agctttgaaa gattgtatac caagaattcc 240
 tccaaacact ctttctaaga cacatggnat gattgagatg ccaaataccta ctccagaatt 300
 cttgattttt gaagcatttg tcgaaaccga tgaaatcata gtttcatcca aagccaagca 360
 gcaggctctc ttggaaangt acgacgcggt gggtagaaga tgactgtggg tgtaagtggg 420
 aaagcgtggg gtcaaat 437

<210> 7037
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-E5
 <400> 7037

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 ggaattgggtg aagagatatt ctgaattcat taacttcctt atctccctct gggctancaa 120

agaggttgaa accgaggtcc canttgagga agatgaatca gctgatgagg aaactganac 180
cacctctacc gaggaagaaa aggaagaaga tgctgangag gaagatggtg agaanaagca 240
gaagaccaag aangtgaaaag aaacanttta tgaatgggaa gttctgaatg atgttaaggc 300
tatanggctg anaagtccaa aggaggtgac agaggaagag tacactagat tctancantc 360
tctctcaaag gattttaccn acgagaancc aatgggcttg gagtcacttt antgc 415

<210> 7038
<211> 393
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-E6
<400> 7038

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gtggcggcga cggcactaaa ctgcgcgtc tacactgttg atggtggcga gagagctgtt 180
ttgttcgatc gattcagggg agtggttgat cagaccgtcg gcaaggac tcatttcttg 240
atcccgtatc tccagangcc gcacatatac gatattcgta cgaaacctca cacnttctcc 300
tccaagatct ggtacnaagg atcttcagat ggctaatcnc acccttcgtg ttcnctttcc 360
gccctgaggt ttcgcgtctc ccgtncattt tcc 393

<210> 7039
<211> 417
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-E7
<400> 7039

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tgttggttca atgaatacgc agagacagga gacatgggct tgctctgtca ctgagtcttt 120
tctcctctc gtcggaaaga atctggcttg tcttctcctt gtggcagaat cattactgat 180
aggtttggtt gctggtgacc anaggttgtc tgtcaaggag gggtacaaaa gaggaatccg 240

tattgaggaa aacaaagatg ctaagtgaca gtgacgatga cgacgatgat gaagacgctg 300
 atgaggacga cgatgatgag gatgatgcta atgatgaaag atttctcagg ggggtgaang 360
 ggatgaagga gaagaaggaa gctggatcca aaggatgatc ctgtgaccan tgggtgga 417

<210> 7040
 <211> 372
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-E9
 <400> 7040

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 agccaaaacc gcatcaccct ctaatccgac atcgtaccaa ctcatcggct ctattctctc 180
 cttcaacaaa aaccgccacc gtcttctcca atggtacaca gatctctctc gtctctctcc 240
 gtctcaaacc atcacgctg atctctctct cggtcgctcg actatcatca ctgcaaacc 300
 tgaaaacgtt gagcacattc tcaaaacaaa tttttataac ntccctaaag gnaaancttt 360
 caagcgacct ct 372

<210> 7041
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-F10
 <400> 7041

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 acggttggtt ctttgggacc actaacaat ctcgcttggt ctgttcagct tgatccagag 180
 ttttcgaaaa atgtcggaca aattgttctt cttggtggag catttgagc aaacggaaat 240
 gtaaattccag cttcggaagc taatatTTTTT ggcgatcccg aagctgcaga tattgtgttc 300
 acatgtgggg ccgatataat tgctgtggga atcaatgtga cccatcaagt tattatgaca 360

gctgatgaca agggacaaaa ctagcatcat cnaangggga aaataagctc aatta 415

<210> 7042

<211> 378

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-104-Q1-E2-F5

<400> 7042

tatatggtga agactctaca accattccac cgtttgtgat accagagccg ccacctctg 60

ctcccagaga tccaagacac agtctgcgta agaaaaggaa acgtaaattg cattcatcga 120

gtcaaaagac tacagacatt ggtagtagca gccacaatgc tgtagaaagc agctctcaag 180

gcaatccaca aacatctgca actcctcctt tgccctccacc gtctctggcg ggtgaaactt 240

cagggtcttc tcaacccaaa ttacctctc acaacctaaa tagcacagaa ccaactgtcct 300

ctgaagcaat cataattcca ccacctgaag aagattctgg tgatagcagc agcgccatct 360

gaagcaccag ggcctagt 378

<210> 7043

<211> 421

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-104-Q1-E2-F6

<400> 7043

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tctgatgcca gctcttttgt ggtcctttac attgtaatgt ctgtatactt ttctggagtt 120

atgggttcgtc ttatgctcgt gcttgctcca gcagcatgca tcatgtctgg gattgcgctc 180

tctcaagctt ttgatgtttt cacgggttcc atcaaatacc agttangcgc atcgtctaata 240

tccacagatg atgcaganga caacacttcc acnaacaatg ccccaaaaga tgatgtttct 300

gctggtaaga ctgacaaggg tgaaagagat tgtaaaanag cggctctcca aaaagggcaa 360

gaagaaanag agagaaccgg ctgataaanc ttctgttaag gccaaagatta aaaagaangc 420

t 421

<210> 7044
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G11

<400> 7044

ctatgagcgg tgatgataag gcgatattgt atatgaagag gcaagataca aaaactgaac 60
taagaacatg cataaacata ctcgcaatga cagaggtttt gcatgcagaa gtgccttcct 120
ttatcgggga caccaatggt gttaagcttt cttggaaaga agccacaaag ccattagcct 180
atacaagagc tttatataca gacctaatgt atggcatacc cccggatatt gatgcgtttc 240
ataattttat ggacaaactc tcagaagact tgctgaataa actagatatg gagggaatgt 300
gcgaattaga agatgatcag gttcaaagca cttgtgggtt catcangact taaacaaagc 360
acaagacacg tttccaagaa aagtaggant ttcctacatg aaaaatccca aagttacctt 420

<210> 7045
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G12

<400> 7045

aataaataaa tttaagagaa atatctaagt ttgggttctt ccctgtgtct acccaccgtg 60
atcatcataa aatggattgt gattttctgat ttgtgagtct atctttctct actccattag 120
cttcctctcc cttggatggg tacgtcactt tctccgagct tacgtcatct atatccggtc 180
ttcacttctt tttccttcca ttcctcagca gcattgcgta atctatctga gttcaagatc 240
atatgatatt ttcactttct ggacaaaatg ggacatttct cttccatgtt caacggtata 300
gctagatcct tctcgatcaa gaaagcgaag aacatcaaca gcangcaaaa gctacgctaa 360
ggaagccaca gatgaaatgg gcgaganang gggaacaaag aaaggaccta atttggg' 417

<210> 7046
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G4

<400> 7046

acgcgtccga acagaaagaa agtccacgcg aggacataag cgcgtgtgat ttaaaatcgt 60
cgtcgctcgtc ttccacaccg actttaatct gattcttaga atcgccgttt ggtttttaac 120
cagagagatt atctaccaag gaacgatgat tattgaaaga gctcgagttc cgttgagccg 180
atggnaacaa agcggccgtg gcgatgggat ctgcnctcgg tgcgttggt gatnctcgta 240
gagcggatcn aancgcagct ctninggcgaa actaccggt aaccagcttt tгнаатggnt 300
cttgagaaga atgaagaaga gcgnaagaan ggaagaagtn cgtttttcaa aatcaactca 360
acnttctctc cttangtggg ggtcaantca ttngattttt ggccttagga atggattgat 420
ttagaaaatt gnttcga 437

<210> 7047
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G8

<400> 7047

taagccgtgt tcttagacct ggaggagtat ttgtggccac cacatttatt tatgacggtc 60
cattcagttt tatccccctt ttgaagaatc ttcgtcagga aataatgaga tattcaggtt 120
ctcacatttt cctaaatgaa cgtgagcttg aagatatctg caaagcctgt ggtctcgtta 180
acttcactcg tgttagaac gggccattta taatgctatc tgcaacaaaaa cccagctaag 240
ctcacctct ttaaagtata tatacttttc tgtaaaaaat tggataaaag ttataaacat 300
tataacaact tgagttccat acagtatacc taatttgtaa agctttttgc aaatgttcct 360
attatctagc ttgtaaattg gggttaacat ggtttgcan gggggctctt ttctgtgaa 420
aaaa 424

<210> 7048
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-H3

<400> 7048

aaatatccca aaatttagtg gcggcgagag ggaaaccaa attcgcgaga gagaagtatg 60
tcgaagacgc tgggtgcaacc ggtagggcaa aagaggttga ctaatgttgc agtgggttcgt 120
ctcaaaaagc aaggcaatcg cttcgagatc gcttggtaca agaataaggt cttttcatgg 180
cggctctggcg tggagaagga tatagatgaa gtgctacagt cgcatactgt ttattcaaat 240
gtttcgaaag gagttcttgc aaaatcgaaa ngacttgatg aagtcgtttg ggatcaggat 300
gatcatacga aaatatgcat cgatatatttg gagaaagga gaacttcaag ttgctggaaa 360
nagaaagaga atcacaagtt ctcaagccag tttcggggat atagccancg attgttatgc 420
aagaaaacta 430

<210> 7049
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-H7

<400> 7049

taattggttc aaaatcatcc taaatcgagt agattgtttt gaatcgattt ttgaagttaga 60
ttcgaagtgc agtgattgtg attagaattt ataaccagac ccagtttttg aggtgaagaa 120
aaagcagatt ttgtgttcaa tttccatgga agacgaacca ggaagcgaaa atgaagcaga 180
caccatagtt gcttcaccac ttgcaaatg gagaatcgaa ttctcgaaat cgtttcagaa 240
ttacttagga cagatctgct cctaacattg ttcgaagatg gcttgtgact ttagtcgctg 300
cagtgatcna tatctatagg gtttactctg tttaggggnc ttccgttanc tcntanggct 360
tagcnactta tateentaan nntccgtga ttggtttctt ttccccta 408

<210> 7050
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-104-Q1-E2-H8

<400> 7050

acgcgtccgg ccacttcttg tgggactcga actacgttgt cctcctcatc tcttcaacac 60
tcactctcgt ccctcttcat ctctctccat tccgcctta tccttacgaa tcctcacgcc 120
gacggcggca acgacatctt ccgctgttat tgaattaccg gcgaacgtag cagaagctcc 180
tcgttccaaa cgccattcca attcatacct ggcgagaaaa tccgccattt ctgaagttca 240
acgctcctcg ggattttctc tcttctctgc agagattagc aagcagtttt gaaggtacaa 300
gatttgaatg taattttgcg tgattttggn atctctggaa agatgggcag gatcttatac 360
angctctttg aatggatnga acaacatgga aagattagtg ttcaacctta cagtnactgg 420
cataaagttt 430

<210> 7051

<211> 436

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-105-Q1-E1-C10

<400> 7051

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gggactttct tgtaaagct ttacttgagg aggaagtttc ccangacgtt gtatcgactt 120
tgccccttat gctggcaaag gtatgttgat gctcgtgagc aaccttgaan gtggatgtcc 180
cgcaactaag agagttcaaa caattctttt caacgttcaa gtcttacatg agctttatca 240
agctcaagca tcgatatccg catcgaaaaa catcgatgtg gagatgaatg ggagatgtga 300
attgctttcc aaggctatgt ctgcattgac tggaancaaa agcagccaat catcggaagt 360
taanaatgan catgttgtca antgggaaan actttggttg ngcagannan gcaaggttca 420
aggatgatgt ccttga 436

<210> 7052

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-104-Q1-E2-E10

<400> 7052

acgcgtgggg tccttgctgg tcgtgtcgat gatctccaat ggtctttcga tggacttcga 60
attgttgctt ccggcgatgg aaaaggcaaa tctcttgttc gatccttcgc atgggactct 120
ggcaatacaa tgggggattt tgatggccat tctcgtaggg ttttgagttg tgccttcaag 180
ccaacgagac ctttccgaat tgccacatgc ggtgaagact tcttggttaa cttttatgat 240
ggaccacctt ttaagtttca ctcttctcac agggagcatt ccaacttcgt caactgcac 300
agatattcac ctgatgggta ctaaattcat taccgtaagc tctgacaaaa agggatgat 360
ttacgatggc aagactgggg ataaanttgg ganaattggg cctcaggaag atggg 415

<210> 7053

<211> 456

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-B9

<400> 7053

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cccacgcgtc cgaaaaatcg aaattctcat caatagcana aaaaaaatta ctcttagatt 120
ttcctcaaaa accttaatca atcgccggga aaatgaatat tccggtgact atttcctcca 180
ttactgtttc naataacgt gtttccgaca atcgctgtca tgtttcccg gaaaatcgtc 240
agcgtaaga aaaccgtcac ttatatTTTT ttttctttt ttctcgttt ttgtgaagat 300
gatgatccac tgatttgaga gtagtagctt gagaggTTTT tagtagattt cgattttgcg 360
attatttttg tttcctggaa gagatctcat ttttttgcca cttccgatga tgaagattca 420
agccgattaa caacgattgc cgggcgaata gagtgg 456

<210> 7054

<211> 405

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-C11

<400> 7054

angcgtgggt aagtttcctc tctctttaga actgtagaga gagaaaagcc tccatttttc 60
tcaaggcaat ctctctctct ctgcctcatc tcataaaccc attacaccaa agcctcatcg 120
tagagagaga aacacaccan ccattgttac actctaagag aagagaagag agaaggaaaa 180
atggncggtg tatcaccaaa gtttgtgttg ccggagacat tcgacggcgt gaggatggag 240
atcacaggcc aactaggcat gatctgggag cttgtaaaag caccaagtga ttgtccctct 300
tcttcaatta gctgtttaca tctgtttgct tatgtctgtc angchttat gtgaganggt 360
ttacatggga atcgtcatcc gtcctcgten aactcttctg gaaaa 405

<210> 7055

<211> 438

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-D9

<400> 7055

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atcgatttga acggtgacgg cgaatgtggc ggcgaagtaa cttaccgggg aatccangat 120
tccgatcagn gcnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngttgtggt 240
gagctaaatt atgctaggga aaccggtgat gtaactcctg gaagcaactc tacggaaaga 300
tatcatcctc tcttgaaaga tgtgggtcgaa agttcctgac tccccgaag gagagttata 360
tttcttcttc caagaagaac tgggattagc atgcatactt gctccaggga aaatggggtc 420
agatgatgaa gatttcnc 438

<210> 7056

<211> 465

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-E11

<400> 7056

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 gtcaaacaga aaanaatgga tctcttantg attatagccg gtttagtanc ggctgcaagc 120
 cttctttttc ctccgtagca cgaccaagaa atctctccgg ttanctccgg gaccaaaagg 180
 tcttcttatt anaggaaacc ttcaccaaga tggagaaatt caacccccan nacttccttt 240
 tccgtctctc caagctatac ggcccgattt tcacgaatga aaatcgggtg ccgtcgcctc 300
 gcggtgatct cctcggncca gctagccaag gagctactca aaactcaana cntnaacttc 360
 accgcgcgtc ctctcttgaa aagggcaacn naccatgtcg natcaanggc gtgancgttg 420
 gtttcgggga gtacaaccgc cgtacgaacg gtgagaatga aggaa 465

<210> 7057
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-F11
 <400> 7057

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 cgggtgtaaaa atagtcggag ctatggcgat gcaggccgga gttggcttat ccaggatctt 120
 tctcttagcc ggagcagggtt aacttggtac gatcatgatg aagaatggaa aattgtcggga 180
 tttgttgggt gaattgcana gtttggtgaa gggaatggag aaatctggag aagggtctga 240
 gggagattct gatgtttctg atgctatanc tgcacagggt cgccgggttg ctatggagat 300
 tcgacagcta gcttcgcagc aacacataac ggtcatgaat ggagtttctg gtgcaaacct 360
 acaagccctt gctgttctg ctgcgggcat tgggagctct cggatatggt tatatgtggt 420
 gggaagggac tctcaantca ctgaccttaa gtatgtgac 459

<210> 7058
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-F9
 <400> 7058

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acatacgttg caattcggca tcggactgca tcatgcaggt ttaaagacc acgatagatc 120
tgagtcgaa gagcttttca cgaacaacaa gattcaggtt ttggtctcaa caagtacctt 180
ggcatgggga gtgaacctac cagctcactt aagttattat aaagggaaca gaatatttcg 240
acgggaaaac caaaagatat gttgacttcc ctcttacaga gatcttgcaa atgatgggac 300
gtgcagggcg accacagttt gaccaacatg ggaaagcggg tattcttgta catgaaccta 360
aaaaaagctt ttacaaaaag ttcttgtagc aaccattccc cgtagaaagt agtttgaaag 420
agaagctgca cgatcacttc aatgcgggaa atcgtc 456

<210> 7059
<211> 418
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-G11
<400> 7059

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agcgcagcta gtgcgcggg tgaggcaaga tggtttcgtt taccaccgg gtcacgttt 120
cgaccgggat actatactaa ttgaggcgta ttttgaccg gtttgccgg acagtagaga 180
ctcttggncc cactgaagc aagctcttca tcatatgga tctcgcgttg ccttctcct 240
ccatctcctt cctttaccct accatgacaa tgcctatgta acatcacggg ccttacacat 300
tgtgaatacc gtacacgcca atgcnacctt cagtttgctg gaagggttct tcaagcatca 360
agtcattggt ttacaacgcg caaacacaac tccctttcaa gacctgcagt tgtnggag 418

<210> 7060
<211> 410
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-H12
<400> 7060

nnnncgnanc agcgagagtg agtgagagag tagagagtgt gtggagagat actaggaagt 60

gaatttcctt ctgcgcactt tcggaagatt tgggcccata gctagtgtca agattatgtg 180
 gccagaaca gatgaggaga agaggcgaca aagaaactgt ggctttgttt cttcatgaa 240
 tagggctgat ggacaagctg caaaagatga aatgcaaggg atcatcgtgt acgagtatga 300
 actgaaaatt ggatggggta aagcagtttc tctaccgtca caagcattac ccgctccacc 360
 acctggacat atggctattc ngagtaagga ggggctgcaa cttgggtttt tctgggtcaa 420
 a 421

<210> 7063
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-B4
 <400> 7063

caaaagtact ttcattcang acttcagttt aagctatggc ggccaacgat tcttcaaagt 60
 ctattgacat cgacgggaat ctgcactccg attcgaatct taacactgac ggtgacgaag 120
 cgaccgataa tgattcctcg aaggcattgg ttactatccc tgctccagcc gtttgtcttt 180
 tccggttcgc cggagatgct gctgggtggc cggttatggg ctctatcttc ggatatgggt 240
 caggattggt caagaagaaa ggcttcaaag gatcatttgc agatgcaggg cagtctgcta 300
 agacttttgc tgttttatct ggagtcaca gtttgggtgt ttgccttctg aagcaaattc 360
 gangcaaana tgacgccatt aatgttggag taacanggtg tttgcactgg gncttgct 418

<210> 7064
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-C7
 <400> 7064

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 agtatatgga ttcaaagctt tagcggagct acatacacat tcgctatcta ctcttcaatc 120
 ctcaaattcat ctcaatttta tgaccagtct actcttgatt tcgtctctgt cttcaaagac 180

atcgggtggta ccttttggtat catctccggt ttcctttaca cggctatgac ttctaagtca 240
 cgcggttttg gtgggccttg ggttggtgtt ttcggtgggt tgggtcaagt ggtttggttg 300
 gattcttttt tatttgggct tcggtggttg ggttgattgc tccgccgcct gtgccgttga 360
 tgtgcntgtt cgtgttcttg gctggtcact cnt 394

<210> 7065
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-C8
 <400> 7065

gtttctact ttcttgaat ttcgtctca atctctcaag tttcatcggg tttgatttgg 60
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 ataacaaacc caaaaaagga aggaagaagc aaaacccttt ctcgattgat tacggtcttc 180
 accacggttg tggagatgga ggtggaagac ctcttaagct tatcgttttg aatgatccaa 240
 caggtcgtga gatcgagtct aaatacacgt tggggagaga gctangtcgt ggagaattcg 300
 gtgttacgta tctatgtact gataaggaga cagacgacgt ttttgcttgt aaatcgattt 360
 tgaagnagaa gctgangaca gctgttgata ttgaanatgt tagggaa 407

<210> 7066
 <211> 385
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-D9
 <400> 7066

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 tatgaggctt tcgcaaaca aggtatatcg gacttttttg gtgacctaga gggatatgtg 120
 cctaaaaccg canagttcaa ggatttcttt gaaaacttga aggattacat ggccttcttc 180
 aattcagcag caccggggtc aaaagacaac cagttcgaga tgttcgtaaa atctgaaaag 240
 ctgttcaagg ctttggtctg ctttcaacag tagtaaaggc ggaacatcan aagattcgtg 300

gaagctggtg gatggattgt tgtcaatggg taaaggtttg gttganatta ataanancgg 360
 ttcgaaggag aatacttttn aacga 385

<210> 7067
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-B10
 <400> 7067

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 atttgtttca gatcttctcc gaaaggatga agcggattgg agataaagaa atcgacgggtt 180
 ctgggtctca aaatcaacat ccagtgggct cccctcgaaa cgaattacaa gggcaatctc 240
 caaaacctgg aaacggtaac accaaagatg ctttgacaac cgatgatgct ttggcctact 300
 taaaggaaat aaaggacgtg tttcatgac aaaagtacaa ataccatctg tttctcgaag 360
 attatgagcg acttcaaggc acaaaggacc gatacttctg tegtgattgc acgagtcaaa 420
 gacctgttaa aggggacata accatttaat tctccgtant taac 464

<210> 7068
 <211> 497
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-F1
 <400> 7068

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 aaccctctat tcgagaggag gcctaagcaa ttcggtattg gtggagcttt acctcctaag 180
 aaggatctct ctgcgtacat caaatggccc aaatccatcc gtcttcaaag gcaaaagagg 240
 atccttgaag caaaaggttg aaggtcctc caactcctaa ccaattcaca aagactcctt 300
 gacaanaatc cttgctacca gcctcttnaa aggtccttct ganntacaag ggcannanga 360

caaanctgc caaaaaangg agcgtcttgn taaanaaagg cccaagctng aaancttagg 420
 ggaaancctt cngattctaa anaagcccat tgtagtcaaa taccggcctc aaaccatgtg 480
 acctaccnca ttggggg 497

<210> 7069
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-F4
 <400> 7069

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 aatgccgagg ttctcaacaa atctgcggcg cttcatatga ccatcaacgc cgccaagggt 180
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 ggttctgggg atattaagct taccaaagat gggaacacgc tattgaagga aatgcaaatt 300
 cagaatccaa cagccattat gattgcgagg acagctgttg cacaggatga tataagtgg 360
 gatggtacta ctccactgt tatcttcatt ggtgagctta tgaaacagtc tgaacgctgc 420
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<210> 7070
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 7070

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 aaaaaacatc cgatcaatgg gacgagcacn aggatgattt caccaaaatg tgccgcttct 180
 gatgcagctc aattgataag cgctaaagaa gatataaag ttcttctccg gactaagttt 240

tcctctgttt gtgtctgttt cagatggaag acaatgataa gtctccccct aaggattact 240
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 agcttgcatt gaagtggcat cctgataagc acaaaggcga tagtgcagct acagaaaaat 360
 ttcaagagat taatgaagct tataatgtgc tgatggaccc tgctaaacgt tttgagtatg 420
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<210> 7073
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G5
 <400> 7073

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 gagctcaagt tctaattggcg aacttgggtct tatcagaatg tgggtatacga cctctcccca 180
 gaatctacac aacacccaga tccaatttcc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 atgggttcac gaggaattgg gcgttgaatg tgaggcacac cattaacgac accaatattt 360
 gaggagtctc cattggaggg aagatactan acagagatnc gattcagngt gcgcctccnc 420
 ngttcaattt agctgatatn a 441

<210> 7074
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G6
 <400> 7074

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 tcaattatta ctttaattctt ctttcccgct ctctattctt cttcttcttt aggatcaatc 180

accgttttagc tttcttccca tacgtctctc cgtttacgac cagtatacag aggctggagc 240
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 atacnatgga tgggaaggcg agtaatgna atggttttaga gaagactgta ctttcttgtt 360
 tccttaaggc tatggcatgt gtacctgang gangatgcta agtgtcactc nactgttgtt 420
 nctggggtgg gttttcggga acct 444

<210> 7075
 <211> 497
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G8
 <400> 7075

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 caggccaaaa agtctaagga aaacttaaag gagatcacac acaaggttta ttttgatgtt 180
 gaaattgatg ggaaagcagc tggctgtatt gtcatgggtc tatttggaac gacagtcccc 240
 aaaactgtag agaatttccg agctttatgc actggggaga aaggaatagg taagaatggg 300
 aaggcgctcc attacaaggg gagttcattt cataggatca taccaagctt tatgctccaa 360
 ggaggcgatt ttacacatgg aaatggaatg ggaggagaat ctatctatgg tgagaagtgt 420
 gctgatgaga acttcaaact caagcatact ggtccaaggt tcttatcaat ggcaaagcc 480
 cgggtcaagat accancg 497

<210> 7076
 <211> 453
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 7076

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cggcataat ctcttcccca aagctttccc taacgactac aaaacatcc aagttctanc 180
 cggcgatggc aacgctcctg gctccattcg cctcattact tatggagaag gatctccact 240
 ggtgaagata tcggcggana ggatcgaagc agtggatttg gngaacaaaa gcatgtcgt 300
 cagcatcatt gggcggagaa atgttggagt actacaaaac cttcaangga accatcancg 360
 ttatccctaa ggatgggtggg taaccttctg aaatgggtctg gtnagatttg agaagaccgc 420
 ccatgnagat tcgaagatcc acaatgggtca tcn 453

<210> 7077
 <211> 447
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-H4
 <400> 7077

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 gatgtgaaag agcaaggaaa cctcaccaac gaggcanaa agtcaatgcc atcatcacan 180
 caggangang ctgttgtaaa gaagaagtat gganggtcga tgccaaanaa accacctctc 240
 atttccaang atcatgagcn agcatacttt gactcanctg attgggctct tggaaaagca 300
 aggtgttgcg aagccaaang gaccctgna aagccttcgt cgcaanttac aaccaacgca 360
 gcagcagaca cgttacaaga agtctccatt tctccatctg aaggtgggtc aanatggang 420
 agctgctcca gggccgacng ggaggtt 447

<210> 7078
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-H6
 <400> 7078

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aagaggaaaag ggaggaaaag gattgggaaa gggaggagcg aagaggcaca ggaaggttct 180
gagggataac attcanggaa tcaccaagcc tgctattcgt cgtcttgctc gtangagggtg 240
gtgtcaagcg tatcacgtgg nctcatctac gangagacca gaggtgtcct caagatcttc 300
ctcnagaatg ttatccgtgg acgccgttac ctacactgag cacgccagga ggaagacngt 360
gaccgccatg gnggttgtcn acnctttgaa caggcaaagn ctntctncta cnggnttcgg 420

<210> 7079
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-A10
<400> 7079

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ttctgcttct ccggtccaac tttccgatca actcctcact cactcacttc aaaacgtcct 180
atctccatca aagctactac ttcttctcct tcaagactct ccaattcacg atctaacttc 240
aaaggaagag cattgtctag tgatgggtca acacnnagaa tctccttatg tantctgttt 300
tggngaaatg ctaatcgant ttgtncgcac gacaagcgga ctttcattan ccgatgcacc 360
gggtttttaa aaagctccag gtgggtgcac ctgntaatgt anctgggttg tatgctngtc 420
cttgggtggg ttc 433

<210> 7080
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-A11
<400> 7080

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caaaatatgg cgaacggagc cgatagattg ggatctggac ggtaaaccga ttaagccgat 180

gacgatatgn nngatcgggtg ccggagggtt cattggctct catcncgtgtg agaagcttat 240
gacgngact cctcacaagg ttcttgcgct tgatgtttac aatgataaga tcaagcactt 300
ggnttggagc cngnnaccgt tcaatgggct ggtcgggntc cagtttcagc cgtancanca 360
ttaaggcatg antctagacg tganggactg atcaacatgg cagatttgac ganaaatcta 420
gctggcgatt cngttctcc 439

<210> 7081
<211> 506
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E1-E8
<400> 7081

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tttatccgaa ttaggggtt cagctcggtc tctcttctcc aattatcaga tccacgaaac 180
tctacttttc ggatcagggtc tcagcttctc tatcgtttgc ccctcagatc aacaaagttt 240
catgtctgaa cttgattccc aggtccctac tgccttcgac ccgtttgctg atgcgaatgc 300
tgaggactca ggtgcaggaa caaaggagta cgttcatatt cgtgtccaag cagcggaatg 360
gtaggaaaag cttgacaacg gtccaggggc tgaagaaaga gtacaacgac accaagatac 420
ntaagggncc tcaagaaaag aantttgctg caanggnanc tgtgggttca aggactcagn 480
actcggacag ggttattcaa cnttca 506

<210> 7082
<211> 499
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-H11
<400> 7082

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acgcccacgc ccttgacca agtcctccgg aaaaactcac tgccatgacg gactcactcg 180
 caaaccttac atctcttgat gcaaattggc aacccctgg tccaccgttc tctaaaggca 240
 gttattacca cccaagaggg atgttaaagc taatggagca cttcanancc anatacgggtg 300
 accctttaat ctatgtcacc gataacggnt tcagtacctc cgggtgggccc atacccttca 360
 ccgaatcatt tcacgattac aaccggattg attatctctg cagtcactca tgttttctcc 420
 gcaaggccat caangagaag cgtgtcaacg tnaaangata ctttgtntgg tctcctgggg 480
 ataattacna ttctgcaac 499

<210> 7083
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-100-Q1-E1-H7
 <400> 7083

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 aatgggttca ctgaaaaagg acggcgagat cggatatgag ttacggagg cgttactgta 180
 cgtaaacggc gttcgtagag tcttgccctga tggattggct catatgacac ttctcgaata 240
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 ttgcacgggtg atggtgtcta gttatgacag gaagtcaaag acctctgtgc antatgctgt 360
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<210> 7084
 <211> 436
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-B5
 <400> 7084

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ctccaaagcc attgacttgg atcccaattg cgccgccttc ttcgccgatc gtgctcaggc 180
 caacatcaaa atcgataact tcaactgaagc tgttgtagat gcgaacaaag ccattgagtt 240
 ggagccaacg ttggcaaaaag cctatctcag aaagggcact gcttgtatga agctagaaga 300
 atatagtact gctaaagcag ccctggaaaa gggagcttct gttgcaccga atgaacaaa 360
 gtttaagaag atgatagatg aatgngatct tcgtattgca agaagaagaa gaaagattgg 420
 gtcaancgat gccacc 436

<210> 7085
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-C2
 <400> 7085

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 ctcttatgcc anaagaagtt ggtattcttt tacgagctta tggataactca tgggatacaa 180
 tcatatatgt cgctggggga gaggtttttg gtgggcanag aacgttaatt cctttacatg 240
 gtatgtttga gaatgtcggt gaccgtactt ctctaagtac tanctgggag cttgctaaaa 300
 tgtatggggc gtgaggcaaa gcataatgat atcaagaaaa tgacacctcc ttcgatcgag 360
 gtagaaacga ngcatgattc attgaaaagc acaagacaag agacctcaac cgc 413

<210> 7086
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-C5
 <400> 7086

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 atgctgcaag ggaaagtgac gattctttgt ctggttctca ccgtcatcgt cttacgtggc 180

anaatcggag ccggtaanntt tggtagcccg gagaaagata tcgangagat ccgtgagcat 240
 ttctttctaca cgcgtaaacg cggcgagcct caccgtgtcc tcgtcgaggt ctcttccaaa 300
 acgacgtcgt ccgaagacag gangaaatgg gggtaacagc tngganacn tcgagtanca 360
 anacggtatt cgttcatcaa aggagacgaa gngganagct cgaataccgg gg 412

<210> 7087
 <211> 395
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-D2
 <400> 7087

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 agtgaacatg tacataactt tgccgcaaaa tgttcatcca aagtcattcc actgcaaaat 180
 ccagtcgaaa catatcgaag ttggcatcaa aggcaaccct ccctatctca atcacgatct 240
 tagtgctcct gtgaagactg attgctcggt ctggactcta gaggatgata taatgcacat 300
 taccctgcag aanagggaga aanggcacaa atgggcatca ccgattctgg gacaggggtca 360
 gttaggatcc ttacgccact gatcttgang cagaa 395

<210> 7088
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-D3
 <400> 7088

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 ctcatctctc tcttgtact cgtctcggtt ccatgaattc tggcgccctt atctattcat 180
 ttcgttccgt tctgttcta tccaaagcct ttccttttag gttaaagtac attggattag 240
 gttcccggt caacttttca acccgaccag agagatctca anccgaattc gcgcggcgaa 300

gtggagctgg aggaganatt cgcgcgtcca agagcttgat tgaggatgag gcagagctta 360
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<210> 7089
<211> 388
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-101-Q1-E1-D7

<400> 7089

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cgcagagggga gtgactcaga ttgtgcagat gcttgaaacg gaagaagaat gatggaatgg 180
agcactgtgt gtttgtgact caggggctgt ttttgttggt gtttgtgact gggaagaact 240
gatcagcctc tttagtttga ttagtggttct gaatgtttct aattatgcag acaaaaattaa 300
taatgagagt ggcttgaaca agagattggg gtctcgctcg catcagtctc atctctcana 360
ncttggtccc tccttagtcc ggttnctg 388

<210> 7090
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-101-Q1-E1-F11

<400> 7090

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caggagatct gtatctgcac atccatggca cgaccttgag attggtcctg aagctccatt 180
ggtcttcaat gtggtggttg agatcacaaa gggaagcaan gtgaaatatg aacncgacaa 240
aaagaccggt cttatcaagg ttgaccggat cttgtactcc tccgttggtt anccacacaa 300
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<210> 7091
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F3

<400> 7091

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 gaatccgcag aatctggttag agaagattgt gcgaacgaag atttatcagc acaccttttg 240
 gaaggagcag tgctttggtc tcacggcgga gacattggtg gacaaagcta tggagctcga 300
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 gaagatgctt caaatccagc ctgagaagag acanggca 398

<210> 7092
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F4

<400> 7092

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 cataactttg ccgccaaatg ttcattccaa gtcattccac tgcaaaatcc agtcgaaaca 180
 tatcgaagtt ggcattcaaag gcaaccctcc ctatctcaat cacgatctta gtgctcctgt 240
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 gagggagaaa gggcaaacat gggcatcacc gattctggga cagggtcagt tagatcctta 360
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 ggattcna 428

<210> 7093

<211> 483
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F6

 <400> 7093

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 tatcaatatt ctcgatcgc tatcagtcaa atcttaagaa ttctgtcgct ttagctcaat 180
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 aag 483

<210> 7094
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F8

 <400> 7094

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 gtttgagaa gcgttggtgc tccnactttc aattcttgcc tgttcaaacg ctgcatttat 300
 cgggtgaaac attggcactg atctcacaa catgccaccg cttcagaca ttgtnacact 360
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<210> 7095

<211> 427
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-G2

 <400> 7095

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 gaaactttgt ttagtgtgtc ttcttaaagc ctgcaagatg cagagaccac ctctctgaaga 180
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 caaaggagtt acctggcagn ngatatgact ggtangttgt nacccttatg ttgagggttaa 360
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 acaagnt 427

<210> 7096
 <211> 381
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-G4

 <400> 7096

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 gaaggactta gaatagaaga tggtctagtc agaattgctc ttctgatacn agttcaggag 120
 aaggtgaaat ttgtagaaga tcatccaggg aaacctgttt tccccctctg cattcttgaa 180
 agattccccg gactganaag tggnaaaatt tggaaggagg aacatgacaa gataatgata 240
 cgtgctgttt taaagcatgg gtacggacgg tggcaagcta ntgttgatga caaagagttg 300
 gggatccaag agcttatctg caaanaattg aatttcctc acataangtt tgtctgctgc 360
 tgaacaagct ggnttgacgg g 381

<210> 7097
 <211> 413
 <212> DNA

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<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-100-Q1-E1-G7

<400>      7097

aatgccaaga ccaagagttt cagagttgtc tcagaggcaa gtcccaaggc tgaggtcatc   60
gtcatctact tctgattcca atcattccaa ccgtctgata actacggata aaagtttttaa  120
gcccggtgtt gaccgtaaata ctctctgaag cgggtggacct aacagtgata cgcttgggtca  180
gaagaaactt gggggacgaa tatcggatct agagtcgcag ttaggacaag cgcaagagga   240
actgagattg ctcaaggagc agttggctaa tgctgaagct gtgaagaaac angctcaaga   300
tgagcttcat aaagaagtcc aangaacca aanccgctgg gctcgagtgg angaatcng    360
caactgaagg ctganaagga tttgatagag acgaaatncc ctggttaatg ttg          413


<210>      7098
<211>      467
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-099-Q1-E1-E11

<400>      7098

acgcgtccgc tttgtttatc ttagggtttg tagataaagg aagaagatcg ttgtggcaaa   60
gaatgaaatc gatggctccg acggcgacgc tggacaacaa tgaggagctc cggcgactca  120
gggagggttaa tattgacgaa gctccggggc gtcgtcgtgt tcgtgattcc ttgaaagata  180
ttcagcttaa tctcgatcat atcctcttca agacaccaga aaatgggatt aagacaaagg   240
agtcttttga ggtgaattcg agaggagttg agattttctc taaaagctgg cttcctgaag   300
cttctaagcc tagagctttg gtttgtttct gccatggtta tggagatact tgcacatttt   360
tcttcgaang aattgcaagg agattggcat tgtctggata tggagttttt cgctatggat   420
tatccgggga ttcggcttat cagagggctt gcatggttat atccct          467


<210>      7099
<211>      488
<212>      DNA
<213>      Arabidopsis thaliana

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<211> 515
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-G10

 <400> 7101

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 cgcgccgggc ataaangaag anatcanatg agagtcctca tgtgtatgca attgcagata 120
 cagcaattcg cgaantgata cgcgatgaag ttaaccaatc tatcattatc agcggcgaga 180
 gtggagcagg gaaaactgag actgctaana tagctatgca atacttggct gctcttggag 240
 gcggaagcgg gatcgantat gagatactta agactaatcc cattttggaa gcatttggaa 300
 atgcaaaaac attgagaaat gataattcta gtcgttttgg gaagctaata gagattcatt 360
 ttagtgaaag tgggnaagat atcgggtgct caaattcaan cctttttact agaaaagtct 420
 agagtgggtcc aatgtgctga angggaaagg tcatntcnta ttttttanca actttgtgct 480
 ggggcttcac ctgcacttag agagaangcc aaatc 515

<210> 7102
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-G4

 <400> 7102

 gcatctancg gtcgacgac cggggtngac ccacgcgtcc ggncaaantt ccgacttttt 60
 gcttctccca naggtcaatc atggacgctg tggcggcgaa tttgtttcaa tctccttctt 120
 tactgcgtca aacttccgaa aggttgatat tttcgacgcc caactgtcct ggcttcatgc 180
 gaattagctc cggacctcaa tttcgtctca gacaaaactc ttctcttaaa ttctcgagac 240
 catttcaaag cggaacaact tgtgttaaatt ctcggagaag ctttgtgggt aaagcttcag 300
 cttctgggtg atgcttcaac agaataatc gcgccgttc agttgaagtc tcctgtggga 360
 cagtttctgt cacagatatt aagtgagcna tccgtcatct tggtcnagca gnctgttgaa 420
 cagcagcttg annangctcc aagattgatt cgagacgctg aaagannaag ngttaagatt 480

gnatcctctg tccttggga

499

<210> 7103
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-H1

<400> 7103

acgcgtccgg ttnagagctt agaagccgtc ggcacagnaa gaagaagaan aagantgtct 60
cacaggaagt ttgagcaccc aagacatggt tctcttggtt tccttccaat gaagagagct 120
aaccgtcaca gacgaaangt gaangcggtc cctaangatg accaaaccan gccttgcaag 180
ttcacagctt tcanggggta caaagctggt atgactcaca ttgtcagaga agtgagagaan 240
cctggatcca agcttcacaa gaagganaca tgtgaggctg ttaccatcat tgagacacct 300
gctatggtgg ttgttggagt tgttgccat gtgaaaactc ctagangttt gaggtccttg 360
aacaccgtcn gggcacangc aatttgangt taaggaagtc aaggncaaag gtctacaaga 420
antggggcta aatncnaaga agaaggnttt caactgggtt accctaa 467

<210> 7104
<211> 510
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-H12

<400> 7104

cgggtccngg cctacttttc gtgncccagg gtcgganaat gcgtcgggnc ncgcgtccga 60
ttcaacagag gtttttgata ttggagggaa tcggtaacgg gcatggaagc cactgatcca 120
agcgcagaga tcgagctcta caccattcct gctcaatcca gttggttctt atgggatgat 180
atacacgaaa ttgaaagacg cgagtttgcg gagttcttca ctgagagctc aatcactaga 240
acccccaaag tttacangga gtaccgagnt ttcattatca ataagtttag agaggacact 300
tgtcggagac tcaccttcac cagtgtccgc angtttcttg ttggcgatgt caatttgctc 360
caganagttt ttctcttctt ccgaaaaatg gggattgatc aatttttagct cttccctgan 420

661133-163333

ggg

423

<210> 7107
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-100-Q1-E1-C9

<400> 7107

actgncccca catcccgaaat cgnccacgc gtccggctnc ttcttctca anatctctct 60
 cttcancaaa tcctcagaat atgancaacg acaaggntag cttcnacgtc tccgatctta 120
 ctgctgctct taaggactag gatcganctg gccttgtcaa tgctctaaag aacangctgc 180
 agaatctggc tggtcagcgt tctgatgtgc tctagaatct gactcccaat gtgagaaagc 240
 gcgttgatgc cttgagggat atacagagcc aanatgatga actanaggca aaattccgtg 300
 aggagagaac tattcttgan gccaaagtatc aaacgctgta tcangccttt gtatgtcaag 360
 cgttatgaga ttgtgaatgg cactactgaa tttgaactgg ctccagacga tgataccaat 420
 gtgnaccaan gagangagaa aactgcagaa ganaaaggag ttccaagttt ctggctgaca 480
 gctctgaaaa at 492

<210> 7108
 <211> 354
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-100-Q1-E1-D6

<400> 7108

acttcgcccc ggccgggtacc aagtccaaaa attcccgggt cgaccacgc gtccgggtgac 60
 ccgtgtgggg acaataagtt ggtggaacac tggctcggcc cacgggtcgg atctgttgtg 120
 gcattgttcc gggctgcccc gtccaagctg agagtgatcc gtgtgtgtta agcgaaggct 180
 tggctcaggc gggtcttgca gtggaggga atgcgtgagg ctggtttcac agagcaagcg 240
 atcacctccc gctctcagca gtggacggat cacagctcga cgccactcag attcaccatg 300
 gcctgctggc tcgttcccag ctggaccacc aatttttgaa aaaaaaaaaa aaag 354

664730-468660

<210> 7109
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-E1

<400> 7109

cgatctagta gtcacgcgac tccgccgtcg attacatggc ttctnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ttcgccacgt 120
caccaaactg ctgcaacaaa tccaaccacc cttctccgcc gccagcggag gataatcttc 180
tccatctcgt cgctacttac ctccaaaatc atcaacaaga aactcaatgc tcctgcgaga 240
cttcttgta aaacttcaat gttattagaa gtcagaaccg tgttttgcgt cagcataaga 300
atgttccacg agaatacgac caagttgttc tgtcttgtct tctccgcaa atcgatgatc 360
ttgaatcttc actcaacaag ttttcatcnt tccatgacaa aagtccaaat tgaaac 416

<210> 7110
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-G1

<400> 7110

aacttttacg ctgccccgtg cgggtccana aattaacggg tcnaccacg cgtccgntca 60
caaatcgtgt catcactttg tgggtatang cccctgaat tgttacttgg tgcaactaaa 120
tatggaccag cgattgacat gtggtcagtt ggatgcatat ttgctgaact tttgaatgga 180
aaaccaatct tgccctgggaa aactgagaat gaacaattga ataagattta tgagctttgt 240
ggatcacctg atgaaagcaa ctggcctgga gtttccaaga tgccttggtg taaccaaagt 300
aaatcatctc ggcccttaaa gagacgcgta aggagatct acagacactt tgatcgccat 360
gcccttgaa tacttgagaa aatgttggtg cttgacccat ctcaagagaa tatgcgcaaa 420
ggatgctctt gatgctgagt acttttggac tgattcgctg ccangtgatt caaagag 477

<210> 7111

<211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-D7

<400> 7111

tccccgacta ggggccgana ttccccgggtg gncaccgacg tccgttcac tttttctcct 60
 ctgcttttgg aatcattata gtgataagag gagatggcgg atataacaga atatctagag 120
 agatcgatgc agaattgttc acttattgat cggagaagta gtatgggaga tggatttggt 180
 atgagcgatg aacatatccc gatctcagat agattcttgg agctcagttc tcaattctct 240
 gttccttctc atttggaaca gtgtcttgat cttaagacag gagagattta ctacagaagc 300
 tggaaatagt gaatgagagt gaaagaagat ccgagaaaat cgatgagtcg tggtaactat 360
 gcagaccaat ccaagtgggtg aatcgtctgg aacagttttt tcatcagaag aagttagctc 420
 ggtattatga aagcgaagag tcctcatcag agtcgtcncc ttcatacanga aagtatcaca 480
 aagaggaaca ggaca 495

<210> 7112
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-097-Q1-E1-G5

<400> 7112

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 atgacgtgct tctcttctgc tactcctcat cgccatcatc ttctactttc ttctccatct 120
 acttccaaat cctgcttcg atttccctca tcttatctga aacctagccc cagtcttctc 180
 ttccatggct catctcgctc tctcctctcc tggtcagacg gcagcaacaa ccgtcctcct 240
 ccctccgggtg acaccgtccc aaataacttc tgtatcattg agggatcaga gacagttcaa 300
 gactttgtgc agatgcagct tcaggaaatc caagataaca taaggagtag acgcaataag 360
 atatttctcc tcatggagga agtgaggaag ttacgtgtgc aacaacgtat caagagtgtt 420
 aaagccatca atgaggacag tnagctcnaa ggtaccgaga tgcttgagat tacatcctcc 480

aantc

485

<210> 7113
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-097-Q1-E1-G8

<400> 7113

tgaaaaccac agttcagaaa acggaggatg aggattatgt agaagggagc gaaacaggat 60
atcccagaggc atctggtaat ccggttgatg gtgcagcttc cccgtcagct accacaggct 120
atgtcacaaa gctagctgct gccccagctc ctgtaccoga tctgctaggt gacctaattg 180
ggtcagataa tgctgcaatc gtcctgttag atgaaccac aactccgtca ggctcgtccac 240
tgctgtttgt cctaccagca tcaaagggc aaggctctga gattagcgt caattaacct 300
gacaagatgg tcaagtattc tacagtatgc tctcagaga caactcgcag tcacttcttg 360
atggcttcat gattcagttc aacaaaaact cattcggc 398

<210> 7114
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-097-Q1-E1-G9

<400> 7114

ccactgtttt gcttggctct ancggtccgg anantcccg gtngnccac gcgtccgctc 60
aaattttgaa actaatcatc tctctcttt tttcaaact acacagagaa tgggtgggat 120
tcgaaaacc ctgcgaaaac caaattgtta gattcgtctt cgatttctaa tgtcagagtc 180
gtccttaggg ttctctctt tcttccccg gagatttcgg acgagagttg tgacgggaga 240
tcgtgcgttt ccgtaatcgg cggcgatgga ggagatacca gcgaagtggc ggtttacctc 300
aaagatccag atagctgtcg taacgaaagc tatcagctgg gatgcgtttt acgggagaga 360
ggatgataat gtgaagcata tattcgatag agaagtaagc cctttgattc ctgggatctt 420
tcatggtttc aatgctactg tgcttgctta tgggagccac cggaagcgga aagactttta 480
cgatgcangg aatcgatgag ctacca 506

aaagaaggga aaga

494

<210> 7117
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-097-Q1-E1-H8

<400> 7117

ggtngacca cgcgtccgcg anttcccggt tcgtgaattt ctctctctct gtgtgaacaa 60
agacgaagaa gacgaagtaa cactgataga aaccctagtt ttttttttaa atccgtcgag 120
gcgtaatgtc gtcggagctg cagatttcgc cggcgattca cgaccgcga ggtcaagaga 180
agcagcagca agccgccgga gtcgggattt tgcttcagat catgatgctt gtcctctctt 240
ttgtactcgg tcatgtcctt cgcgcgcata agttctatta tctacctgaa gctagtgcct 300
ctcttcta at tgggctgac gttgggtggt taacgaacat ctcgaacacg gagactagca 360
taaggacatg gntcaatttc cagcatgaag ttcttcttct tgtttccgct gcctcccatc 420
atattccagt caggnttcag tttacaacct aa 452

<210> 7118
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-A1

<400> 7118

acgcgtccgc ganagaagat ttgggtatga ccatggtgga ggatatgacc gtgaaatggg 60
tgggaggcct ggttatggtg atgaaaggcc tcatggctgc tttatgggtc gctatcagga 120
ctgggaggga ggacgtggag gttatggtga tgcttccaac agtggaatc ctcaaaggga 180
tggattgatg tcatacaaac aatttatcca ggagttggaa gatgatatat tgccatctga 240
agctgaacgc agatatcaag aatacaagtc agagtatatc acaacacaaa aactgccttt 300
tttaacaccc acaaaganga agactgggtg aaaaataagt ncatccaaca aacttactat 360
cctgtcatag aaaggaggaa tgaaccttgc acaagaangg tggcaaaagg atttccttaa 420

agaaagattt cgagcaacga ttcagcatat ctcagaanac tgatgtctta cctgatgctg 420
aaagccattc gtncancgtt ntgtcttaag nagaggcccc cga 463

<210> 7121
<211> 508
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-C2

<400> 7121

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tccgaagcaa tccaaccgaa ccgactcaga gcttttgagt cttctaaatc tctatcgaat 120
ttttctaggg ttagggctcc tgatcgattt cgcgagctct gcgattattt taagtattag 180
gatccgaaat tagaaatggg tggagagggg gattcaagtc agccgcagag tggatgaagga 240
gaagctgtgg ctgtgaacat caggtgctct aatggcacga aatttagtgt gaagacgagt 300
ctcgattcaa cggtggagtc tttcaaagag ttggtggctc agagcagcga tgttccagct 360
aatcagcagc gcttgattta caagggctct atcctcaagg acgattaaaa ctctcctcaa 420
gctaagggtt gcaaggctga ttacaccatt catatgggta naaggctctg caaccttcct 480
caacaccact cctgctcccc gccgcaaa 508

<210> 7122
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D10

<400> 7122

tacnnttccg gaaacccccg gtccgacacac gcgtccggcg caagcaatgg tggatgcagc 60
tataaaggct gcatcatctg tgaaggaagg ggaanatntg aacacaatga tccaagaagc 120
cttagagttg gttggcaaaa atcagctatt acgcagctct atgggtcaaac atcacgagca 180
tgtaaatggc agtatagagc atcatcacia cccatctccn tcaaatggat nagagcctgt 240
ggcnaacaac gatttaaact cacaagatgg ttcagagaaa aacgctcaaa tgccttcana 300

gcttatcanc tcctgtgttg ccacttggcn catgattcag atgtgcacgg agagacagta 360
nctccagctg atgtgcaca agcttaannc acgcagcant cacaagcttn cagccacgat 420
tcccacangn anctanccga ttacagaga aantccaaaa ccttcatggg gacggnttaa 480
agactcaaaa caangtcc 498

<210> 7123
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D3

<400> 7123

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cttcttcttc ctctcaagta tcgaaaccga aacagagaaa catcaccacc aatgggatgt 120
tttatgggtt gtttcggtct ctcttccaac aaaaaacgca gaaattccat taggaagatc 180
cttcctcgag atcaaagaat ctgtagctat gagccgctgc tttcttcaga tccgacagat 240
ttcagtactg ttccagataa ccctgaaaag atctcaaatt cgaacctcnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnttga 360
cttgaatgta caaacctatg ancctattgt ancttcanga tatgagaatg cttngcagtg 420
atgatgnaag aggggaaagg gaggaaggag ccaggggatc ttcggntata gatagnghaa 480
ccagagggga 498

<210> 7124
<211> 500
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D6

<400> 7124

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cggacgcgtg ggctttctct ctccatgaga actctaactc ctcaccggca atgtgtgacg 120
tcaccgtttc ttatctccgc cgcattccca ccgtttcctg gccggtgctt taagttatcc 180

